TASK 210 Subsurface Site Investigation

Former Parsons Chevrolet Property

750 Farmington Avenue
Farmington, CT

Prepared for:
Division of Environmental Compliance
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06111

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DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
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TASK 210 SUBSURFACE SITE INVESTIGATION

FORMER PARSONS CHEVROLET PROPERTY
750 FARMINGTON AVENUE

FARMINGTON, CONNECTICUT

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1.0 INTRODUCTION

Diversified Technology Consultants, Inc. (DTC) was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) of a portion of the former Parsons Chevrolet Property (Parsons) located at 750 Farmington Avenue in Farmington, Connecticut. This Task 210 SSI was limited to the proposed taking area and slope easement limits within the western portion of the site. This report provides a brief description and environmental history of the subject parcel, a discussion of the local environment and receptors, the investigation rationale, a summary of the data obtained during the investigation, an interpretation of the results with respect to the appropriate regulatory criteria and previous investigations, and recommendations for further investigation and/or remediation.

1.1 Background and Purpose

DTC previously completed a Task 120 Preliminary Site Evaluation (PSE) for the entire Parsons property. Based on plans provided by ConnDOT, the western portion of the site will be taken by eminent domain to construct a new road. The purpose of this Task 210 SSI is to evaluate whether soil and/or groundwater within the taking area and slope easement limits contains regulated compounds at concentrations exceeding the applicable soil and groundwater clean-up criteria in the State of Connecticut Department of Environmental Protection (DEP) Remediation Standard Regulations (RSRs).

Parsons is located along the northern side of Farmington Avenue between Norton Lane and Mountain Spring Road. According to the Town of Farmington Tax Assessor's records, the property is currently owned by Parsons Properties, LLC, is 3.18 acres in area, and is identified as Lot 36 on Tax Assessors Map 92. The site's location and pertinent features are depicted on Figures 1 and 2, respectively.

The site is located in a residential and commercial area and is currently occupied by a main building (showroom, offices, and service garage), a paint and body shop building, a garage/clean-up shop building, and associated paved driveways and parking areas. The buildings are currently vacant. The automobile dealership/service garage and auto body repair business operated at the site since at least approximately 1933.

Hazardous waste produced at the site reportedly included waste paint and related materials (waste paint thinner, waste lacquer thinner, etc.) and petroleum distillate (mineral spirits parts cleaner). Regulated waste produced at the site reportedly included waste oil and ethylene glycol (antifreeze).

Prior to approximately 1983, waste paint and related materials and waste oil were placed in the 2,000-gallon waste oil UST located north of the paint and body shop. Waste paint was added to the waste oil UST at a rate of 20 gallons per month. National Oil Service of Branford, Connecticut was contracted by Parsons to dispose of the combined waste from 1979 to approximately 1986.

On March 3, 1986, Parsons notified the EPA that they were classified as a RCRA small quantity generator. Subsequent to the notification, Parsons began to store and dispose of waste paint and related materials separately from the waste oil. Waste paint and related materials were reportedly collected in satellite 55-gallon drums with spill containment in a small storage room located in the paint and body shop. Waste oil was stored in drums within a temporary storage area located in the northern corner of the service area and then was transferred via a fill pipe to a 1,000-gallon UST located northwest of the main building.

From 1988 to 1993, Hazco International and Abelys Waste Oil Service were contracted to dispose of the waste paint and paint related materials and waste oil, respectively. From approximately 1994 until 2006, waste paint and oil were both reportedly disposed of separately by United Oil Recovery of Meriden, Connecticut. Waste oil was also utilized to power a waste oil burning heater unit previously located in the southern corner of the service area of the main building.

The site is currently serviced by the municipal sanitary sewer system. Prior to being connected to the sanitary sewer system in 1963, a septic tank, which discharged to a drywell, was located in the rear of the main building and handled the site's wastewater. Floor drains in the service garage and the garage/clean-up shop previously discharged to the septic tank. Ethylene glycol (antifreeze) was reportedly discharged down the floor drains for approximately 20 years at a rate of 30 to 40 gallons per month. Detergents, oils, grease, and emulsifiers were also reportedly discharged down the floor drains. The septic tank and drywell were removed in 1988 by M&A Construction. There is no record of confirmatory soil sampling associated with the drywell.

In 1989, after the removal of the septic tank and drywell, a 1,000-gallon oil/water separator was installed along the southwestern side of the main building. The oil/water separator handled the wastewater from floor drains located throughout the service garage area.

A 3,000-gallon gasoline, 1,000-gallon waste oil, two 1,000-gallon heating oil, and 1,000-gallon motor oil USTs are currently located on the property and nine USTs formerly containing heating oil, gasoline, waste oil, motor oil, and transmission fluid were removed from the site according to information obtained from the DEP, Town of Farmington Fire Marshal's office, and the property owner. A gasoline dispenser is located at the northern corner of the main building. A 275-gallon AST, used to store heating oil for the heating unit in the garage/clean-up shop, is located west of the garage. According to previous environmental reports, a 250-gallon transmission fluid AST was previously located in the northern portion of the service garage.

In 1999, approximately 130 gallons of heating oil were spilled to the ground surface while filling a newly installed 1,000-gallon UST located south of the paint and body shop. According to the DEP spill report, the spill was contained and the status is listed as closed.

The site is listed as a RCRA Small Quantity Generator of hazardous waste, which indicates that the site is listed as generating between 100 and 1,000 kilograms of hazardous waste per month. A Form I was submitted to DEP following the January 8, 1988 property transfer from Robert E. Parsons, Inc. to Paul Parsons. DEP acknowledged receipt of the Form I on January 14, 1988. A second Form I was submitted to DEP following the December 23, 1997 property transfer from Paul Parsons to Parsons Properties, LLC. DEP acknowledged receipt of the Form I on February 26, 1998. The site is listed in the No Further Remedial Action Planned database and the EPA archived the site in January 1996.

1.2 Previous Environmental Reports

DTC reviewed previously prepared environmental reports for the subject site, which were provided by ConnDOT. The findings of only the subsurface investigation reports and DTC's Task 120 PSE are briefly summarized below.

Payne Environmental, LLC, Phase II ESA, Farmington, CT, dated May 2005

The scope of work for this Phase II ESA was developed based on the findings of the Phase I ESA completed by Payne in February 2005. Payne performed a ground penetrating radar survey,

completed five interior and five exterior soil borings, and installed four soil vapor points as part of this investigation.

Seven soil samples were submitted for laboratory analysis for one or more of the following parameters: extractable total petroleum hydrocarbons (ETPH) by Connecticut DEP method, total RCRA 8 metals, leachable RCRA 8 metals by the Synthetic Precipitation Leaching Procedure (SPLP), polychlorinated biphenyls (PCBs) by EPA Method 8082, polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270, and volatile organic compounds (VOCs) by EPA Method 8260B. Four soil vapor samples were submitted for laboratory analysis for VOCs by EPA Method TO-14A.

ETPH was detected in soil at concentrations below the RSR criteria near the existing 1,000-gallon heating oil UST located south of the paint and body shop. Total lead and ETPH were detected in soil at concentrations below the RSR criteria within the former drywell area. Total lead was detected in soil above background concentrations within the former residential structure area within the southern portion of the site. VOCs were detected at concentrations below the RSR criteria in soil and soil vapor samples collected from below the paint and body shop. Copies of the Phase II ESA analytical tables are provided in Appendix C.

Based on the analytical data, Payne identified and recommended further delineation of four release areas including the area of the former residential structure within the southern portion of the site, the existing 1,000-gallon fuel oil UST located south of the paint and body shop, the former drywell, and the paint and body shop sub-slab.

Payne Environmental, LLC, Supplemental Phase II ESA, dated December 2005

Payne completed 12 interior and 13 exterior soil borings and installed three monitoring wells as part of this investigation. A total of 28 soil samples were submitted for laboratory analysis for one or more of the following: ETPH by Connecticut DEP approved method, total lead, leachable lead by SPLP, and VOCs by EPA Method 8260B. Three groundwater samples were submitted for laboratory analysis for ETPH by Connecticut DEP approved method, RCRA 8 metals, and VOCs by EPA Method 8260B.

ETPH and VOCs were not detected above the method detection limits in any of the soil samples. Total lead was detected at concentrations ranging from 9.9 to 162 milligrams per kilogram (mg/kg), which are below the Residential Direct Exposure Criteria (RES DEC).

VOCs were not detected above the method detection limits in the three groundwater samples. ETPH was detected in the groundwater sample obtained from well MW-1, located to the north of the paint and body shop, at a concentration of 0.8 milligrams per liter (mg/l) during the October 18, 2005 sampling event. MW-1 was re-sampled on October 31, 2005 and ETPH was not detected above the method detection limits. Copies of the Supplemental Phase II ESA analytical tables are provided in Appendix C.

Based on the analytical results, Payne concluded that there was no evidence of releases associated with (1) the former residential structure, (2) the existing heating oil UST associated with the paint and body shop, and (3) the paint and body shop. Payne recommended no further investigations at that time.

DTC, Task 120 Preliminary Site Investigation (PSI), Former Parsons Chevrolet, dated May 2008

DTC completed a Task 120 PSI on behalf of ConnDOT for the entire Parsons property. Based on the findings of the Task 120 PSE, 26 on-site Potential Release Areas (PRAs) were identified throughout the property. A total of 20 PRAs are located entirely or partially within the taking area and slope easement limits, as indicated. No off-site PRAs were identified.

The PRAs include the following:

PRA 1 Former Motor Oil and Waste Oil Storage Area (within taking area)

PRA 2 Hydraulic Lifts (within taking area)

PRA 3 Former Carwash Area, Service Garage of Main Building (within taking area)

PRA 4 Floor Drain, Former Carwash Area of Main Building (within taking area)

PRA 5 Trench Drain, Service Garage of Main Building

PRA 6 Former Drywell (within taking area)

PRA 7 Former and Existing 3,000-gallon Gasoline USTs & Dispenser, East of Main Building; identified as A-1 and A-1(R1)

PRA 8 Two Former 2,000-gallon Motor Oil USTs, West of Main Building; identified as B-1 and B-2 (within taking area)

PRA 9 Potential Existing 1,000-gallon Motor Oil UST, West of Main Building; identified as B-1(R1) (within taking area)

PRA 10 Existing 1,000-gallon Waste Oil UST, West of Main Building; identified as B-2(R1) (within taking area)

PRA 11 Former 1,000-gallon Auto Transmission Fluid UST, West of Main Building; identified as C-1 (within taking area)

PRA 12 Former and Existing 1,000-gallon Heating Oil USTs, East of Main Building; identified as C-2 and C-2(R1)

PRA 13 Former 1,000-gallon Heating Oil UST, East of Showroom/Boiler Room of Main Building; identified as C-3

PRA 14 Former 2,000-gallon Waste Oil UST, West of Main Building; identified as D-1 (within taking area)

PRA 15 Paint Booth, Paint and Body Shop Building (within taking area)

PRA 16 Former Paint/Waste Paint and Paint Related Materials Storage Area, Paint and Body Shop Building (within taking area)

PRA 17 Floor Drain, Former Carwash Area of Paint and Body Shop Building (within taking area)

PRA 18 Former and Existing 1,000-gallon Heating Oil UST, South of Paint and Body Shop Building; identified as C-1 and C-1(R1) (within taking area)

PRA 19 Former 2,000-gallon Waste Oil UST, North of Paint and Body Shop Building; identified as E-1 (within taking area)

PRA 20 Floor Drain, Garage/Clean-up Shop Building (within taking area)

PRA 21 Existing 275-gallon Heating Oil AST, West of Garage/Clean-up Shop Building (within taking area)

PRA 22 Former Dumpster (within taking area)

PRA 23 Catch Basins

PRA 24 Potential Fill Material of Unknown Quality (within taking area)

PRA 25 Lead Paint (within taking area)

PRA 26 Solid Waste Dumping/Fill, Northwest Corner of Property

Based on information obtained by DTC during completion of the Task 120 PSE, the site meets the definition of an Establishment due to the operation of an auto body repair facility and the generation of more than 100 kilograms of hazardous waste in any one month.

DTC recommended that subsurface investigation within the proposed taking area and slope easement limits be performed. The recommended investigation included the completion of a Task 210 SSI.

1.3 Scope of Work

DTC completed this Task 210 SSI in accordance with DTC's Task Assignment Recommendation, dated April 14, 2008, which was approved by ConnDOT on April 15, 2008. The Task 210 SSI activities were designed based on the results of previous environmental investigations, as described above, and plans depicting the proposed taking area and slope easement limits provided by ConnDOT.

The scope of work for this Task 210 SSI included the following tasks:

- Pre-drilling activities, including: (1) marking proposed drilling locations, (2) contacting Call-Before-You-Dig to request mark outs of publicly-owned utilities, and (3) completing a ground penetrating radar (GPR) survey/utility mark out to locate existing/potential USTs and underground utility/product lines;
- Completion of 14 soil borings, four within the on-site buildings and ten outside the buildings, to a maximum depth of 14 feet below grade using a track-mounted Geoprobe® direct-push rig;
- Installation of two groundwater monitoring wells (ranging in depth from 30 to 32 feet below grade) using a hollow-stem auger (HSA) drill rig;
- Recording lithology and field screening soil samples with a photoionization detector (PID);
- Collection and laboratory analysis of 38 soil samples for one or more of the following:
    - ETPH by Connecticut DEP method;
    - total RCRA 8 metals by EPA 6010B;
    - total lead by EPA 6010B;
    - leachable arsenic, barium, cadmium, chromium, mercury, lead, silver, and selenium by SPLP;
    - leachable lead by the Toxicity Characteristic Leaching Procedure (TCLP);

- PCBs by EPA Method 8082;
- semivolatile organic compounds (SVOCs) and PAHs by EPA Method 8270; and
- VOCs by EPA Method 8260B; and

- Collection and laboratory analysis of five groundwater samples (from the two newly-installed and three existing monitoring wells) for one or more of the following: ETPH by the Connecticut DEP method, total RCRA 8 metals by EPA 6010B, PCBs by EPA Method 8082, PAHs by EPA Method 8270, and VOCs by EPA Method 8260B.

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the "Surficial Materials Map of Connecticut", dated 1992, surficial materials at the site consist of kame terrace deposits, which are described as reddish-brown sand and gravel with stones generally less than six inches in diameter.

Based on soil samples observed during the soil boring and monitoring well advancement activities, surficial materials consist of both native and non-native materials (fill). Fill materials consisting of dark brown sand and traces of gravel, silt, asphalt, and brick fragments were observed to overly native till material consisting of reddish brown sand with silt, gravel, cobbles, and boulders. Boring logs are included as Appendix A.

2.2 Bedrock Geology

According to the "Bedrock Geology Map of the New Britain Quadrangle", the subject site is underlain by New Haven Arkose, which is described as pale reddish-brown to grayish-red, coarse to fine grained, sandstone, siltstone, and silty shale. Auger refusal was encountered at depths of approximately 16 and 32 feet below grade during this Task 210 SSI investigation, and previous environmental investigations conducted by Payne. Auger refusal was interpreted to be indicative of the bedrock surface. No bedrock outcrops were observed at the site or within the immediate site vicinity.

2.3 Groundwater

Based on a review of the Water Quality Classifications Map of the Connecticut River and Southcentral Coastal Basins, adopted 1993, DEP has designated groundwater beneath the site and surrounding area as "GA" quality. Groundwater of this classification is defined by the DEP as groundwater within the area of existing private water supply wells or an area with the potential to provide water to public or private water supply wells. The DEP presumes that groundwater in such an area is, at a minimum, suitable for drinking or other domestic uses without treatment.

Based on local surface topography (sloping to the north and west) and the presence of the Farmington River, the general direction of groundwater flow is inferred to be toward the northwest. Generally, groundwater flows from topographic high to topographic low areas with local changes near bodies of surface water and contrasting rock types. The presence of subsurface structures, impervious surfaces, and the character of the subsurface stratigraphy will also locally influence the direction of groundwater movement.

During this Task 210 SSI, the groundwater table beneath the site was encountered between 20 and 30 feet below grade. Based on groundwater depth measurements obtained on May 8, 2008, and summarized in Table 2, groundwater appears to flow in a generally west direction.

2.4 Surface Water

A small unnamed stream is located off-site, immediately to the north of the site. The stream flows into Pope Brook, which discharges to the Farmington River located approximately 0.4 miles to the west of the site. According the above referenced DEP map, the Farmington River is classified as a

"B" surface water body. The Class "B" designation indicates an inland water body known or presumed to meet water quality criteria for fish and wildlife habitat, industrial and agricultural supply, and other legitimate uses including navigation.

2.5 Drinking Water Supply

Public water is supplied to the site and site vicinity by the Connecticut Water Company.

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the completion of 14 soil borings, the installation of two monitoring wells, and the collection and laboratory analysis of 38 soil samples and five groundwater samples.

DTC subcontracted Logical Environmental Solutions, LLC (LES) of Tolland, Connecticut to advance the soil borings using a truck-mounted Geoprobe® direct-push rig and subcontracted with Columbia Environmental Drilling, Inc. (Columbia) of Columbia, Connecticut to install the monitoring wells using a hollow-stem auger (HSA) drill rig. The subsurface exploration program was completed on April 29, 2008 and May 1, 5, and 6, 2008.

The soil boring sampling locations and existing and newly installed monitoring well locations are depicted on Figure 2.

Soil and groundwater samples were analyzed for regulated compounds associated with the historic use of the site. Table 1 provides a summary of the laboratory analysis requested for each soil and groundwater sample. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Ground Penetrating Radar and Subsurface Utility/Product Line Mark Out

DTC contracted with Hager-Richter Geoscience, Inc. (H-R) of Fords, New Jersey to complete a ground penetrating radar (GPR) survey and to mark out the locations of subsurface utilities and product lines within the proposed taking area and slope easement limits. The field activities were performed on April 22, 2008, prior to advancement of the soil borings and installation of the monitoring wells. The GPR report is included in Appendix E.

The purpose of the GPR survey subsurface utility and product line mark out was to (1) determine/confirm the location and orientation of the existing 1,000-gallon heating oil, motor oil, and waste oil USTs, (2) confirm that former heating oil, motor oil, transmission fluid, and waste oil USTs have been removed, (3) evaluate the potential presence of undocumented USTs, (4) locate the storm water drainage pipes, sanitary sewer line laterals, and the oil/water separator, and (5) locate the electrical lines from the main building to the garage/clean-up building and the main building to the paint and body shop building.

As previously indicated, fuel oil, motor oil, and waste oil USTs exist within the survey area. Based on the results of the GPR survey, the existence of each of the USTs was confirmed and the location/configuration of each was marked in the field with spray paint. Also, it was confirmed that the former 1,000-gallon heating oil UST (identified as C-1), two 2,000-gallon motor oil USTs (identified as B-1 and B-2), 1,000-gallon transmission fluid UST (identified as C-1), and two 2,000-gallon waste oil USTs (identified as D-1 and E-1) have been removed.

Three potential USTs, located to the west of the garage/clean-up shop building, and a possible buried vault or unidentified metallic subsurface structure, located adjacent to the northern corner of the main building, were also detected during the GPR survey. The locations of the existing and potential USTs and the unidentified metallic subsurface structure are depicted in Figure 2.

The storm water drainage pipes and on-site sanitary sewer laterals were marked in the field with spray paint. The electrical lines from the main building to the garage/clean-up shop building and to the paint and body shop building were also located and marked in the field with spray paint.

3.2 Soil Boring Advancement and Sampling

Fourteen soil borings, identified as B-101 through B-114, were advanced to depths ranging from 3 to 14 feet below grade using the Geoprobe® rig on April 29, 2008 and May 1, 2008. Four of the borings were completed within the on-site buildings and the remaining 11 borings were located throughout the proposed taking area and slope easement limits. Continuous soil samples were obtained using a stainless-steel, four-foot long sampling device, lined with a dedicated acetate sample tube. The tube was opened on its horizontal axis to allow inspection, description of lithology, and sampling of the material.

A representative portion of each 4-foot long soil core was immediately collected by the DTC field scientist and placed within a clean polyethylene zip-lock bag for field screening with a photoionization detector (PID). The PID was equipped with a 10.6 eV bulb and was calibrated to isobutylene standard gas (100 parts per million). The results of the PID screening are provided on the soil boring logs, which are included as Appendix A.

Petroleum impacts (visual or olfactory) were noted during the advancement of borings B-107, B-108, B-109, and B-110. The presence of asphalt fragments were noted in borings B-101, B-106, B-107, B-109, B-111, and B-112.

Following lithology description, soil samples were collected at approximately two foot intervals from each soil boring. Soil samples from the borings were selected for laboratory analysis based upon the visual appearance of the soil and the results of the field screening. The samples were submitted to Spectrum Analytical, Inc. (Spectrum) of Agawam, MA, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

3.3 Monitoring Well Installation and Development

Two groundwater monitoring wells, identified as MW-4 and MW-5, were installed on May 5 and 6, 2008. DTC attempted to install a third monitoring well at soil boring location B-109, however, refusal was encountered at approximately 16 below surface grade, prior to encountering groundwater. During the installation of the wells, the drill cuttings were visually inspected and described by the DTC environmental scientist. DTC did not field screen the drill cuttings. Monitoring well completion logs and diagrams are included as Appendix A.

The wells were completed to depths of 30 and 32 feet below grade using 2-inch diameter PVC slotted screen, 2-inch diameter PVC riser pipe to the ground surface, and were finished with roadbox covers, cemented in place. A sand pack was installed surrounding the screened section of the wells, which extended approximately 2 to 3 feet above the top of the well screen. An approximately one foot thick bentonite clay seal was installed above the sand pack to limit potential vertical migration of surface water down the borehole. The borehole was then backfilled to approximately one foot from grade using soil from the borehole.

Following installation, DTC developed the existing and newly installed wells using a submersible whale pump and dedicated tubing. The wells were developed to improve the hydraulic connection of the wells with the surrounding aquifer and to reduce turbidity.

3.4 Groundwater Gauging, Sampling, and Relative Elevation Survey

Following installation of the wells, DTC completed a relative elevation survey of the PVC well casings and ground surface immediately adjacent to the well roadbox on May 8, 2008. The elevation of each well was calculated relative to an existing benchmark identified as B.M.105 on the construction/survey plan provided by ConnDOT. The elevation of the benchmark was indicated as 252.39 feet.

DTC sampled the two newly installed and three existing monitoring wells on May 8, 2008 using a low-flow sampling protocol. Prior to sampling, DTC measured the depth to water in each well and the total depth of the monitoring wells. Depth measurements were obtained relative to the highest point on the PVC well riser pipe. Well depth, depth to water, and relative elevation measurements are provided in Table 2.

After gauging each well, a dedicated narrow diameter polyethylene tube was inserted into each well to a depth of approximately the midpoint of the water column in the well. Each monitoring well was purged for 15 to 30 minutes using a GeoTech GeoPump-2® variable speed peristaltic pump until the purge water appeared relatively clear. Groundwater parameters including pH, dissolved oxygen, oxygen reduction potential (ORP), specific conductance, and temperature were measured periodically in the field using a YSI 63 meter equipped with a flow through cell. A LaMotte 2020 turbidity meter was used to periodically measure turbidity of the groundwater purged from the wells in the field. Samples were obtained from wells MW-1, MW-4, and MW-5 once turbidity readings dropped below five Nephelometric Turbidity Units (NTUs). Monitoring wells MW-2 and MW-3 went dry during purging; therefore, they remained significantly turbid (88 and 120 NTU, respectively).

The groundwater was decanted from the dedicated tubing directly into pre-preserved sample containers provided by the laboratory. Groundwater Sampling Logs are included as Appendix B.

Upon collection, the groundwater samples were immediately placed in a cooler with ice. The samples were submitted to Spectrum using proper preservation techniques and chain of custody control.

4.0 REGULATORY CRITERIA

The analytical results were compared to the numeric criteria listed in the Connecticut DEP Remediation Standard Regulations (RSRs), sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies dated January 1996, and to numeric criteria in the DEP Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria, dated October 24, 2005. The RSRs were developed by the DEP to define the remediation performance standards for soil and groundwater, specific numeric cleanup criteria, and processes for establishing alternative site-specific standards. The RSRs apply specifically to sites at which remedial actions are required by the DEP under Chapters 445 or 446k of the Connecticut General Statutes (CGS) such as under an administrative order, subsequent to a transfer of an establishment under CGS Section 22a-134a, and to sites that are enrolled in a Voluntary Remediation Program under CGS Sections 22a-133x or 22a-133y.

The project area is not currently regulated under any of these State statutes. However, DTC used the numeric criteria in the RSRs as guidelines to assess the site and to make conclusions regarding concentrations of regulated compounds detected in soil and groundwater. The following sections provide a brief summary of the soil and groundwater criteria utilized during this Task 210 SSI.

4.1 Soil Criteria

Direct Exposure Criteria (DEC)

The DEC are designed to protect human health from risks associated with exposure to pollutants in contaminated soil within 15 feet of the ground surface. The DEC generally do not apply to inaccessible soil, provided that an Environmental Land Use Restriction (ELUR) is recorded on the land records.

Under the RSR's, inaccessible soil refers to polluted soil which is: (1) greater than four feet below the ground surface, (2) more than two feet below a paved surface comprised of a minimum of three inches of bituminous concrete or concrete, or (3) beneath an existing building or a permanent structure approved by the Commissioner of the DEP. Site-specific "engineered controls", other than those outlined above may also be implemented to render soil inaccessible.

The RSRs provide two sets of DEC, one for residential land use (RES DEC) and another for industrial/commercial land use (I/C DEC). Remediation to the RES DEC is required unless an ELUR has been recorded that restricts residential use. For this site, DTC compared the soil analytical results to both the RES DEC and the I/C DEC.

Pollutant Mobility Criteria (PMC)

The PMC are designed to protect groundwater quality by reducing or eliminating the potential for migration of pollutants to groundwater from contaminated soil. The RSRs provide two sets of PMC based on the groundwater classification of the site, as designated by DEP. In a "GA" groundwater classification area, the GA PMC apply to soil located from the ground surface to the depth of the seasonal low water table. As the project area is in a "GA" area, DTC compared the soil analytical results to the GA PMC.

The PMC do not apply to environmentally isolated soils that are polluted with substances other than VOCs. Under the RSRs, environmentally isolated soils are defined as contaminated soils beneath an existing building or other permanent structure approved by the Commissioner, provided the soils are not an ongoing source of contamination. The PMC do not apply to polluted fill if such fill is polluted only with coal ash, wood ash, coal fragments, or asphalt paving fragments, provided certain additional provisions are met.

4.2 Groundwater Criteria

Groundwater Water Protection Criteria (GWPC)

The GWPC apply to groundwater within "GA" and "GAA" classified areas. The goal of the GWPC is to preserve the designated use of the groundwater resource as an existing or potential future supply of water suitable for drinking or other uses without prior treatment. As the project area is in a "GA" area, DTC compared the groundwater analytical data to the GWPC.

Surface Water Protection Criteria (SWPC)

The SWPC apply to groundwater that discharges to surface water. The goal of the SWPC is to preserve surface water quality to protect both human health and the environment. As all groundwater eventually discharges to a surface water body, DTC compared the groundwater analytical results to the SWPC.

Volatilization Criteria (VC)

The VC apply to groundwater located within 15 feet of the ground surface or a building; however the DEP has proposed amending the regulations to include groundwater located within 30 feet of the surface. The DEP proposed revisions to the numeric volatilization criteria in its March 2003 publication "Proposed Revisions – Connecticut's Remediation Standard Regulations Volatilization Criteria". The goal of the VC is to protect human health from contaminants that may volatilize from impacted groundwater into overlying buildings.

The RSRs provide two sets of VC, one for residential land use and another for industrial/commercial land use. In general, sites are required to be remediated to the RES VC. A parcel may be remediated to the I/C VC provided an ELUR has been recorded on the land records limiting the use of the property to industrial/commercial uses. Since an ELUR has not been recorded for this site to date and the site is located in a mixed commercial and residential area, DTC compared the analytical results for groundwater to the RES VC.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

5.1 Soil Sample Analytical Results

Soil analytical results are summarized in Table 3 along with the appropriate regulatory criteria and the soil analytical laboratory report is included in Appendix C. The soil analytical results are discussed below.

Extractable Total Petroleum Hydrocarbons (ETPH)

A total of 32 soil samples were analyzed for ETPH. ETPH was detected in soil samples at concentrations ranging from non-detect to 7,690 mg/kg. ETPH was detected at concentrations exceeding the RES DEC of 500 mg/kg in 15 samples identified as B-105 (0.33-2.5'), B-105 (4-5.25'), B-106 (0.5-2.5'), B-106 (4-5'), B-107 (2-3'), B-107 (4-6'), B-108 (10-11'), B-109 (0.5-2'), B-109 (8-10'), B-110 (0.25-2'), B-110 (2-3'), B-111 (0.63-2'), B-111 (2-3.5'), B-112 (0.42-2'), and B-113 (4-6'). ETPH was detected at concentrations exceeding the I/C DEC of 2,500 mg/kg in six samples identified as B-106 (4-5'), B-107 (2-3'), B-110 (0.25-2'), B-110 (2-3'), B-111 (0.63-2'), and B-111 (2-3.5'). The approximate extent of soil containing ETPH exceeding the RSR criteria is shown on Figure 3.

Samples B-105 (4-5.25'), B-106 (4-5'), and B-113 (4-6') were additionally analyzed for leachable ETPH by SPLP, which is a more accurate method of determining compliance with the PMC. Leachable ETPH was not detected in any of the samples. This indicates that it is reasonable to assume that soil with total ETPH concentrations less than 2,760 mg/kg would not exceed the GA PMC.

Volatile Organic Compounds (VOCs)

A total of 23 soil samples were analyzed for aromatic and halogenated VOCs by EPA Method 8260. One or more VOCs were detected above the method detection limits in soil samples B-104 (0.5-2'), B-106 (4-5'), B-108 (10-11'), B-108 (12-13.5'), B-109 (8-10'), and B-113 (4-6'). The concentrations of VOCs detected in these samples did not exceed the RES DEC, I/C DEC, or GA PMC.

Semivolatile Organic Compounds (SVOCs)

A total of 14 soil samples were analyzed for SVOCs and four soil samples were analyzed for PAHs only by EPA Method 8270. PAHs are a subset of SVOCs. PAHs were detected in samples B-105 (0.33-2.5'), B-105 (4-5.25'), B-106 (0.5-2.5'), B-106 (4-5'), and B-109 (8-10') at concentrations exceeding the RES DEC, I/C DEC, and/or the GA PMC. The approximate extent of soil containing PAHs greater than the RSR criteria is shown on Figure 3.

As previously mentioned, asphalt fragments were noted in boring B-106; therefore, the GA PMC do not apply to soil in this area of the site.

RCRA 8 Metals

A total of 15 soil samples were analyzed for total RCRA 8 metals and two samples were analyzed for total lead only. As summarized in Table 3, one or more of the RCRA 8 metals (including

arsenic, barium, cadmium, chromium, lead, mercury, lead, silver, and selenium) were detected in the analyzed soil samples.

Lead was detected in sample B-111 (0.63-2') at a concentration of 534 mg/kg, which exceeds the RES DEC of 500 mg/kg. The lead concentration in B-111 (0.63-2') does not exceed the I/C DEC of 1,000 mg/kg. The approximate extent of soil containing lead greater than the RES DEC is shown in Figure 3.

Soil samples containing elevated concentrations of metals were additionally analyzed for specific leachable metals by SPLP for comparison to the GA PMC. Leachable lead was detected in samples B-101 (0.25-2') and B-103 (4-5') at concentrations of 0.0209 and 0.0195 mg/l, which exceed the GA PMC of 0.015 mg/l. Leachable barium was detected in samples B-101 (0.25-2') and B-103 (4-5') at concentrations below the GA PMC. No other leachable metals were detected in the analyzed samples. The approximate extent of soil containing concentrations of lead greater than the GA PMC is shown in Figure 3.

Sample B-111 (0.63-2') was additionally analyzed for leachable lead by TCLP. Leachable lead by TCLP was detected in the B-111 (0.63-2') soil sample at a concentration of 1.31 mg/l, which is below the EPA Characteristically Hazardous Waste Level of 5 mg/l.

Polychlorinated Biphenyls (PCBs)

A total of 17 soil samples were analyzed for PCBs. PCB-1248 and PCB-1260 were detected in sample B-105 (0.33-2.5') and its duplicate, identified as Duplicate-2, at concentrations below the RES DEC and the I/C DEC. PCB-1260 was also detected in sample B-113 (4-6') at a concentration below the RES DEC and the I/C DEC.

Soil sample Duplicate-2 was additionally analyzed for leachable PCBs by SPLP for comparison to the GA PMC. Leachable PCBs were not detected in the sample above the method detection limits.

5.2 Groundwater Sample Analytical Results

A total of five groundwater samples were submitted for laboratory analysis as part of this Task 210 SSI. Groundwater analytical results are summarized in Table 4, along with the appropriate regulatory criteria, and laboratory analytical reports are included as Appendix D. The groundwater analytical results are summarized below.

ETPH

Three groundwater samples were analyzed for ETPH. ETPH was not detected in any of the analyzed samples above the method detection limits.

VOCs

Five groundwater samples were analyzed for aromatic and halogenated VOCs. Chloroform was detected in groundwater sample MW-4 at a concentration below the RSR criteria. VOCs were not detected in the other four samples above the method detection limits.

PAHs

Three groundwater samples were analyzed for PAHs. No PAHs were detected in the analyzed samples above the method detection limits.

RCRA 8 Metals

Four groundwater samples were analyzed for total RCRA 8 metals. The concentrations of metals (barium and chromium) detected in samples obtained from wells MW-1, MW-2, MW-4, and MW-5 were below the GWPC and SWPC.

PCBs

Three groundwater samples were analyzed for PCBs. No PCBs were detected in the analyzed samples above the method detection limits.

5.3 Quality Assurance (QA)/Quality Control (QC) Results

Soil

A trip blank sample was prepared at the laboratory and accompanied the sample containers from the laboratory, to the site, and back to the laboratory. The purpose of a trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank sample was analyzed for VOCs. VOCs were not detected in the sample, indicating that there was likely no cross-contamination of the samples during transportation.

Two duplicate soil samples were obtained of randomly selected soil samples to evaluate the accuracy of the laboratory analytical data. The sample Duplicate-1, was obtained from sample B-108 (10-11') and was analyzed for ETPH, total RCRA 8 metals, and leachable silver by SPLP. The sample Duplicate-2 was obtained from sample B-105 (0.33-2.5') and was analyzed for SVOCs, PCBs, and leachable PCBs by SPLP.

The results indicated that, on average, there was a nine percent difference in the metal concentrations, which appears acceptable. The results also indicated that there was a 37.4 percent difference in the ETPH results, a 44.6 percent difference in the PAHs results, and a 33.7 percent difference in the PCB results. Normally, these would not be acceptable results; however, it appears that the difference in the results is due to the samples not being thoroughly homogenized, and not inaccuracy in the data.

DTC also thoroughly reviewed the QA/QC report included with the laboratory analytical report to evaluate the reliability of the analytical data. Please refer to the analytical reports for a detailed narrative discussion of the reliability of the data.

All analyses were performed per the DEP Reasonable Confidence Protocol (RCP) and meet the RCP requirements. Therefore, all of the soil analytical data meet the requirements for Reasonable Confidence as defined by the DEP.

Groundwater

A field blank sample was collected by running de-ionized water through the groundwater sampling equipment into the laboratory provided sample containers. The purpose of the field blank sample is

to evaluate the potential for cross-contamination due to the sampling equipment or technique. The field blank sample was analyzed for ETPH, total RCRA 8 metals, PAHs, PCBs, and VOCs. No constituents were detected in the field blank sample, indicating that there was likely no cross-contamination.

A trip blank sample was prepared at the laboratory and accompanied the sample containers from the laboratory, to the site, and back to the laboratory. The purpose of the trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank sample was analyzed for VOCs. VOCs were not detected in the sample, indicating that there was likely no cross-contamination of the samples during transport.

A duplicate groundwater sample was obtained from a randomly selected well (MW-4) to evaluate the accuracy of the laboratory analytical data. The results indicated that there was a 2.8 percent difference in the VOC results and a 0.42 percent difference in the barium results, which is acceptable.

DTC also thoroughly reviewed the QA/QC report included with the laboratory analytical results report to evaluate the reliability of the analytical data.

All analyses were performed per the RCP and meet the RCP requirements. Therefore, all of the groundwater analytical data meet the requirements for Reasonable Confidence as defined by the DEP.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

As noted in Section 1.1, the purpose of this Task 210 SSI was to collect soil and groundwater samples within the proposed taking area and slope easement limits to evaluate whether soil and/or groundwater contains regulated compounds at concentrations exceeding the soil and/or groundwater clean-up criteria in the RSRs.

The Task 210 SSI activities completed by DTC in April and May 2008 included a GPR survey/subsurface utility and product line mark out, completion of 14 soil borings (four within the on-site buildings and ten throughout the study area) installation of two groundwater monitoring wells, and the collection and analysis of 38 soil and five groundwater samples (from the two newly-installed and three existing monitoring wells).

Based on the results of the GPR survey, the existence of a 1,000-gallon fuel oil UST (identified as C-1 (R1)), a 1,000-gallon motor oil UST (identified as B-1 (R1)), and a 1,000-gallon waste oil UST (identified as B-2 (R1) was confirmed. Also, it was confirmed that the former 1,000-gallon heating oil UST (identified as C-1), the two 2,000-gallon motor oil USTs (identified as B-1 and B-2), the 1,000-gallon transmission fluid UST (identified as C-1), and the two 2,000-gallon waste oil USTs (identified as D-1 and E-1) have been removed.

Three possible USTs (located to the west of the garage/clean-up shop) and a possible buried vault or unidentified metallic subsurface structure (located adjacent to the northern corner of the main building) were also detected during the GPR survey. Two of the potential USTs are located within the proposed taking area and slope easement limits. The third UST appears to be located beyond these limits. The potential buried vault/metallic subsurface structure is located beyond the taking area and slope easement limits.

The soil samples collected as part of the Task 210 were analyzed for one or more of the following: ETPH, total RCRA 8 metals, total lead, leachable metals (arsenic, barium, cadmium, chromium, mercury, lead, silver, and selenium) by SPLP, leachable lead by TCLP, PCBs, SVOCs, PAHs, and/or aromatic and halogenated VOCs. Groundwater samples were analyzed for one or more of the following: ETPH, total RCRA 8 metals, PCBs, PAHs, and/or VOCs.

Based on the findings of this Task 210 SSI, PAHs, ETPH, and lead were detected in soil at concentrations above the RSR criteria. The approximate extent of soil containing these constituents at concentrations exceeding the RSR criteria is depicted on Figure 3.

PAHs were detected at concentrations exceeding the GA PMC, RES DEC, and I/C DEC in soil samples B-105 (0.33- 5.25') and B-109 (8 to 10'). Asphalt fragments were observed in soil samples obtained form boring B-106. The PMC do not apply to soil containing asphalt fragments, as long as other certain criteria are met. Fill within the vicinity of boring B-106, containing asphalt fragments, appears to meet the criteria and is, therefore, exempt from the PMC.

ETPH was detected at concentrations exceeding the RES DEC in soil collected from borings B-111, B-112, and B-113 located below the main building and the garage/clean-up shop building. ETPH was also detected above the RSR criteria in soil samples collected from borings B-105 through B-110, located to the west of the main building. The laboratory report identified the ETPH in soil samples B-107 (1-3'), B-110 (0.25-2'), and B-110 (4-6') as motor oil. The type of ETPH detected in the other soil samples could not be identified by the laboratory. Analysis of soil samples for

leachable ETPH by SPLP (for comparison to the GA PMC) indicated that concentrations of ETPH in soil up to 2,760 mg/kg likely does not exceed the GA PMC. The soil concentrations potentially exceed the GA PMC in B-107 (2-3'), B-110 (0.25-2'), and B-111 (0.63-3.5').

Lead was detected in only one soil sample at a concentration exceeding the RES DEC (but not the I/C DEC) in sample B-111 (0.63-2'). Leachable lead was detected above the GA PMC in soil samples B-101 (0.25-2') and B-103 (0.42-2'), located to the east of the paint and body shop building.

PAHs, ETPH, and PCBs were not detected in any of the groundwater samples. One VOC (chloroform) was detected in sample MW-4 and its duplicate at concentrations below RSR criteria. Background concentrations of the metals barium and chromium were detected in several of the samples.

6.2 Recommendations

Based on the results of this Task 210 SSI, DTC recommends that a Task 310 – Plans, Specifications, and Estimates be assigned to prepare plans and specifications for the proper management and disposal of contaminated materials that may be excavated, removed, handled, transported, or disposed during construction activities and for the establishment of appropriate worker health and safety protocols.

7.0 LIMITATIONS

All work product and reports provided in connection with the performance of this Task 210 SSI are subject to the following limitations:

This investigation and report were conducted and prepared on behalf of and for the exclusive use of ConnDOT.

The observations, findings, and conclusions provided in this report were based on DTC's observations of the site conditions at the time of the investigation.

The conclusions summarized herein are based on the observations and investigations described within this report. Future events at the site or surrounding properties may alter these findings. This Task 210 SSI was designed specifically to evaluate on-site soil and groundwater conditions and did not involve sampling and laboratory analysis of soil vapor, surface water, or sediment. Offsite conditions were not evaluated as part of this Task 210 SSI.

In completing this Task 210 SSI, DTC has relied upon information provided by subcontractors (i.e. laboratories and drilling contractors). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

DTC has performed this study in a professional manner using a degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. The conclusions provided by DTC are based solely on the scope of work conducted and on observations and limited explorations described within this report at the time these services were conducted. No other warranty, expressed or implied, is made as to the professional opinions included by DTC in this report.

8.0 REFERENCES

1. Diversified Technology Consultants, Inc., "Task 120 Preliminary Site Evaluation", dated May 2008.
2. NUS Corporation, "Preliminary Assessment", dated March 21, 1988.
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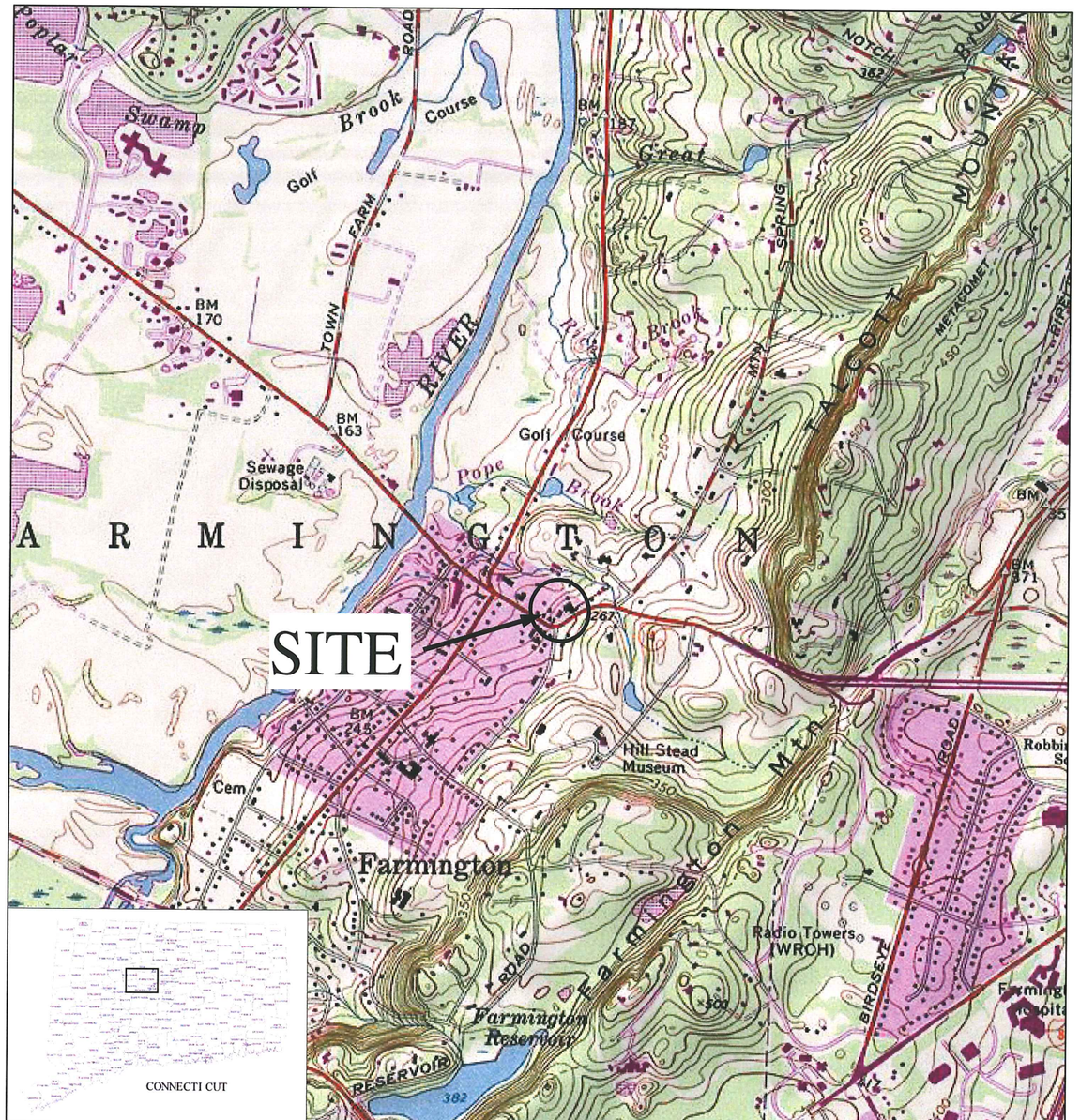
5. Payne Environmental, LLC, "Supplemental Phase II Environmental Site Assessment", dated December 2005.
6. Roy F. Weston, "Final Site Inspection", dated February 10, 1995.
7. Roy F. Weston, "Non-Sampling Recommendation", dated September 29, 1994.
8. State of Connecticut Department of Environmental Protection (CTDEP), Remediation Standard Regulations, Sections 22a-133k-1 through –3 of the Regulations of Connecticut State Agencies, effective January 30, 1996. Proposed Revisions, Connecticut's Remediation Standard Regulations, Volatilization Criteria, dated March 2003.
9. CTDEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
10. CTDEP, "Water Quality Classifications Map of the Connecticut and Southcentral Coastal Basins", adopted 1993.
11. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2003.
12. Stone, J., USGS, "Surficial Materials Map of Connecticut", dated 1992.
13. Talcott Mountain Science Center for Student Involvement, "Bedrock Geology Map of the New Britain Quadrangle" State Geological and Natural History Survey of Connecticut (on-line version).

FIGURES



USGS Quadrangle:, New Britain
1 inch = 2,000 feet

Site Location Map

Former Parsons Chevrolet Property
750 Farmington Avenue
Farmington, Connecticut

DTC Project No. 03-273-03E

June 2008

Figure 1

Diversified Technology Consultants
556 Washington Avenue North Haven CT 06473
Norwich, CT Andover, MA

TABLES

TABLE 1

Laboratory Analytical Parameters Summary

Task 210 – Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Avenue
Farmington, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (8260)	SVOCs (8270)	PAHs (8270)	ETPH	RCRA 8 Metals	PCBs (8082)	Lead
B-101	0.25-2	East of paint and body shop	X	X		X	X*	X	
	2-3								X
B-102	0.5-3	East of paint and body shop	X	X		X			
B-103	0.42-2	East of paint and body shop					X*	X	
	4-5		X	X		X	X	X	
B-104	0.5-2	Approximately 5 feet east of garage/clean-up shop and adjacent to UST anomalies	X	X		X	X		
	2-3		X						
B-105	0.33-2.5	Within former drywell location	X	X		X	X	X	
	4-5.25		X		X	X*	X	X	
Duplicate-2 B-105	0.33-2.5	Within former drywell location		X	X			X*	
B-106	0.5-2.5	Approximately 40 feet south of garage/cleanup shop and approximately 50 feet west of the main building	X		X	X			
	4-5		X	X		X*	X		
B-107	0.25-2	Approximately 10 feet west of the main building				X		X	
	2-3		X	X		X	X	X	
	4-6					X			
B-108	0.75-2.5	West of the main building; within the UST grave area				X			
	4-6		X			X			
	8-10		X			X			
	10-11		X	X		X	X	X	
	12-13.5		X			X			
Duplicate-1 B-108	10-11	West of the main building; within the UST grave area				X	X*		
B-109	0.5-2	Approximately 20 feet south of garage/clean-up shop; downgradient of UST graves located to the west of the main building				X			
	2-3		X		X	X			
	6-8				X	X			
	8-10		X	X		X	X	X	
B-110	0.25-2	Approximately 45 feet south of garage/cleanup shop and approximately 30 feet west of the main building	X	X		X	X	X	
	2-3					X			
	4-6					X			

Notes:
* Sample also analyzed by SPLP.
** Sample also analyzed by TCLP.

TABLE 1

Laboratory Analytical Parameters Summary

Task 210 – Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Avenue
Farmington, Connecticut

Sample Identification	Sample Interval (feet)	Location Rationale	VOCs (8260)	SVOCs (8270)	PAHs (8270)	ETPH	RCRA 8 Metals	PCBs (8082)	Lead
B-111	0.63-2	Interior – Adjacent to floor drain in garage/clean-up shop				X			X**
	2-3.5		X	X		X	X*	X	
	4-5.5					X			
B-112	0.42-2	Interior – Adjacent to subslab hydraulic lift within western portion of main building (Former Undercoating Area)	X	X		X	X	X	
	2-3					X			
	8-10		X						
B-113	0.58-1.5	Interior – Adjacent to floor drain located in carwash area within western portion of main building				X		X	
	4-6		X	X		X*	X	X	
	6-8					X		X	
	8-10		X						
B-114	0.42-2.5	Interior – Within western portion of main building	X	X		X	X	X	
	4-6							X	
MW-1***	Groundwater	North of paint and body shop; within former waste oil UST grave	X				X		
MW-2***	Groundwater	Adjacent to former residence previously located on the southeastern portion of the property	X		X	X	X	X	
MW-3***	Groundwater	South of paint and body shop; within former waste oil UST grave	X						
MW-4 /Duplicate	Groundwater	Within former drywell location (B-105)	X		X	X	X	X	
MW-5	Groundwater	East of paint and body shop (B-102)	X		X	X	X	X	
Trip Blank	--	--	X						
Field Blank	--	--	X		X	X	X	X	

Notes:
* Sample also analyzed by SPLP.
** Sample also analyzed by TCLP.
*** Previously installed groundwater monitoring well.

TABLE 2

Monitoring Well Gauging Data

Task 210 - Subsurface Site Investigation

Former Parsons Cheverolet Property

750 Farmington Ave., Farmington, Connecticut

Well Identification	LNAPL Present	DNAPL Present	Screened Interval (feet)	Reference Point Elevation (feet)	Depth to Water (feet)	Depth to Bottom (feet)	Ground Surface Elevation (feet)	Groundwater Elevation (feet)
MW-1	no	no	15'-30'	248.59	27.42	29.55	248.95	221.17
MW-2	no	no	15'-25'	248.48	20.43	23.3	248.74	228.05
MW-3	no	no	21'-31'	248.13	28.81	30.15	248.88	219.32
MW-4	no	no	20'-30'	245.58	22.04	29.7	245.96	223.54
MW-5	no	no	22'-32'	249.38	30.09	31.7	249.82	219.29

Notes:

Depth to water and bottom of well reference point is the top of PVC.

Ground elevation and reference point data surveyed by DTC in May 8, 2008.

Depth to water measurments were obtained by DTC, May 8, 2008.

LNAPL - Light non-aqueous phase liquid

DNAPL - Dense non-aqueous phase liquid

TABLE 3

Soil Sample Analytical Results

Task 210 - Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Ave., Farmington, Connecticut

Parameters	Remediation Standard Regulations RES DEC	I/C DEC	GA PMC	B-101 0.25-2' 4/29/08	B-101 2-3' 4/29/08	B-102 0.5-3' 4/29/08	B-103 0.42-2' 4/29/08	B-103 4-5' 4/29/08	B-104 0.5-2' 5/1/08	B-104 2-3' 5/1/08	B-105 0.33-2.5' 4/29/08	Duplicate-2 B-105 (0.33-2.5') 4/29/08	B-105 4-5.25' 4/29/08	B-106*** 0.5-2.5' 5/1/08	B-106*** 4-5' 5/1/08	B-107 0.25-2 4/29/08	B-107 2-3' 4/29/08	B-107 4-6' 4/29/08	B-108 0.75-2.5' 4/29/08	B-108 4-6' 4/29/08	B-108 8-10' 4/29/08	B-108 10-11' 4/29/08	Duplicate-1 B-108 (10-11') 4/29/08	B-108 12-13.5' 4/29/08
VOCs per EPA 8260 (mg/kg)					NA		NA					NA				NA		NA	NA				NA	
Acetone	500	1,000	14	–		–		–	[0.0608]	–	–		–	–	–		–			–	–	–		–
n-Butylbenzene	500	1,000	1.4	–		–		–	–	–	–		–	–	–		–			–	–	–		0.292
sec-Butylbenzene	500	1,000	1.4	–		–		–	–	–	–		–	–	–		–			–	–	0.0052		0.169
1,2-Dichlorobenzene	500	1,000	3.1	–		–		–	–	–	–		–	–	–		–			–	–	0.0123		0.163
1,4-Dichlorobenzene	26	240	1.5	–		–		–	–	–	–		–	–	–		–			–	–	0.0271		0.118
4-isopropyltoluene	500	1,000	0.6	–		–		–	–	–	–		–	–	–		–			–	–	–		0.222
Naphthalene	1,000	2,500	5.6	–		–		–	–	–	–		–	–	0.76		–			–	–	–		0.276
Tetrachloroethylene	12	110	0.1	–		–		–	–	–	–		–	–	–		–			–	–	–		–
1,2,4-Trimethylbenzene	500	2,500	7	–		–		–	–	–	–		–	–	–		–			–	–	–		0.746
1,3,5-Trimethylbenzene	500	1,000	7	–		–		–	0.0061	–	–		–	–	–		–			–	–	–		0.276
SVOCs per EPA 8270 (mg/kg)					NA		NA			NA						NA		NA	NA	NA	NA		NA	NA
Acenaphthylene	1,000	2,500	8.4	–		–		–	–		–	–	3.2	1.07	9.26		–					–		
Anthracene	1,000	2,500	40	–		–		–	–		–	–	0.817	0.49	10.2		–					–		
Benzo (a) anthracene	1	7.8	1	–		–		–	–		5.55	10.1	7.01	2.01	18.8		–					–		
Benzo (a) pyrene	1	1	1	–		–		–	–		5.5	10.1	7.13	2.31	16.4		–					–		
Benzo (b) fluoranthene	1	7.8	1	–		–		–	–		5.19	9.11	6.55	2.51	14.9		–					–		
Benzo (g,h,i) perylene	1,000	2,500	4	–		–		–	–		2.81	4.7	2.55	1.39	–		–					–		
Benzo (k) fluoranthene	8.4	78	1	–		–		–	–		4.34	9.15	5.39	2.17	12.9		–					–		
Chrysene	84	780	1	–		–		–	–		6.53	11.5	8.11	2.53	16.8		–					–		
Fluoranthene	1,000	2,500	5.6	–		–		–	–		8.35	14.2	8.66	4.65	51.4		–					–		
Indeno (1,2,3-cd) pyrene	1	7.8	1	–		–		–	–		2.98	5.11	3	1.31	8.43		–					–		
Phenanthrene	1,000	2,500	4	–		–		–	–		–	–	1.72	2.38	52		–					–		
Pyrene	1,000	2,500	4	–		–		–	–		9.36	18.6	12.4	4.67	46.5		–					–		
ETPH per CTDEP method (mg/kg)	500	2,500	500	19	NA	–	NA	69.6	33.6	NA	1,790	NA	1,900	995	2,760	91.2	7,690**	565	–	221	162	1,100	688	280
SPLP ETPH per CTDEP method (mg/l)	NE	NE	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	–	NA	–	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)						NA				NA		NA		NA		NA		NA	NA	NA	NA			NA
Arsenic	10	10	NE	6.35	NA		3.87	1.52	2.36		1.74		2.14		2.98		1.89					2.64	2.84	
Barium	4,700	140,000	NE	184	NA		194	34.4	32.2		74.1		57		78.5		71					69.3	70.1	
Cadmium	34	1,000	NE	1.25	NA		–	0.546	–		0.595		0.742		0.815		–					0.896	0.785	
Total Chromium	100	100	NE	18.6	NA		17.7	14.7	10.7		7.08		9.82		14.4		10					14.3	12.7	
Mercury	20	610	NE	0.952	NA		1.39	–	0.0343		–		0.0356		0.0483		0.036					0.0398	0.0353	
Lead	500	1,000	NE	462	20.5		344	7.47	7.81		102		78.4		96.1		66.9					49.1	52.9	
Silver	340	10,000	NE	3.2	NA		–	3.35	2.5		2.84		3.29		2.93		2.44					4.98	5.69	
Selenium	340	10,000	NE	3.45	NA		–	2.28	2.94		–		–		1.95		1.68					2.16	–	
SPLP Metals per EPA 6010 & 7471 (mg/l)					NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Arsenic	NE	NE	0.05	–			NA																NA	
Barium	NE	NE	1	0.0157			0.0142																NA	
Cadmium	NE	NE	0.005	NA			NA																NA	
Chromium	NE	NE	0.05	–			NA																NA	
Mercury	NE	NE	0.002	NA			–																NA	
Lead	NE	NE	0.015	**0.0209**			**0.0195**																NA	
Silver	NE	NE	0.036	NA			NA																–	
Selenium	NE	NE	0.05	–			NA																NA	
TCLP Pb per EPA 6010 (mg/l)	NE	NE	5****	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs per EPA 8082 (mg/kg)	1	10	NE		NA	NA			NA	NA				NA	NA			NA	NA	NA	NA		NA	NA
PCB 1248	NE	NE	NE	–			–	–			0.0755	0.0788	–			–	–					–		
PCB 1260	NE	NE	NE	–			–	–			0.0272	0.0386	–			–	–					–		
SPLP PCBs per EPA 8082 (mg/l)	NE	NE	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RES DEC = Residential Direct Exposure Criteria.
I/C DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
SPLP = Synthetic Precipitation Leaching Procedure.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
* GA PMC do not apply to soil below the seasonal low water table.
** Laboratory report indicated motor oil.
*** Asphalt fragments in soil sample. PMC do not apply.
**** EPA Hazardous Waste Regulatory Level
[#] = The production of acetone and other ketones is commonly seen when using the SW 848 5035A preservation/extraction technique
(#) = SPLP analysis indicated that the leachable concentration does not exceed the GA PMC.
-- = not detected, see laboratory reports for specific detection limits.
NA = not analyzed for this compound.
NE = Criteria not established.
Shaded values indicate an exceedance of the RES DEC.
Bold values indicate an exceedance of the GA PMC.

TABLE 3

Soil Sample Analytical Results
Task 210 - Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Ave., Farmington, Connecticut

Parameters	Remediation Standard Regulations RES DEC	I/C DEC	GA PMC	B-109 0.5-2' 5/1/08	B-109 2-3' 5/1/08	B-109 6-8' 5/1/08	B-109 8-10' 5/1/08	B-110 0.25-2' 4/29/08	B-110 2-3' 4/29/08	B-110 4-6' 4/29/08	B-111 0.63-2' 4/29/08	B-111 2-3.5' 4/29/08	B-111 4-5.5' 4/29/08	B-112 0.42-2' 4/29/08	B-112 2-3' 4/29/08	B-112 8-10' 4/29/08	B-113 0.58-1.5' 4/29/08	B-113 4-6' 4/29/08	B-113 6-8' 4/29/08	B-113 8-10' 4/29/08	B-114 0.42-2.5' 4/29/08	B-114 4-6' 4/29/08	Trip Blank -- 4/29-5/1/08
VOCs per EPA 8260 (mg/kg)				NA		NA			NA	NA	NA		NA		NA		NA		NA			NA	
Acetone	500	1,000	14		--		--	--				--		--		--		--		--	--		--
n-Butylbenzene	500	1,000	1.4		--		--	--				--		--		--		--		--	--		--
sec-Butylbenzene	500	1,000	1.4		--		--	--				--		--		--		--		--	--		--
1,2-Dichlorobenzene	500	1,000	3.1		--		--	--				--		--		--		--		--	--		--
1,4-Dichlorobenzene	26	240	1.5		--		--	--				--		--		--		--		--	--		--
4-isopropyltoluene	500	1,000	0.6		--		--	--				--		--		--		--		--	--		--
Naphthalene	1,000	2,500	5.6		--		4.63	--				--		--		--		--		--	--		--
Tetrachloroethylene	12	110	0.1		--		--	--				--		--		--		0.0172		--	--		--
1,2,4-Trimethylbenzene	500	2,500	7		--		--	--				--		--		--		--		--	--		--
1,3,5-Trimethylbenzene	500	1,000	7		--		--	--				--		--		--		--		--	--		--
SVOCs per EPA 8270 (mg/kg)				NA					NA	NA	NA		NA		NA	NA	NA		NA	NA		NA	NA
Acenaphthylene	1,000	2,500	8.4		--	--	--	--				--		--				--			--		
Anthracene	1,000	2,500	40		--	--	--	--				--		--				--			--		
Benzo (a) anthracene	1	7.8	1		--	--	--	--				--		--				--			--		
Benzo (a) pyrene	1	1	1		--	--	0.795	--				--		--				--			--		
Benzo (b) fluoranthene	1	7.8	1		--	--	1.18	--				--		--				--			--		
Benzo (g,h,i) perylene	1,000	2,500	4		--	--	--	--				--		--				--			--		
Benzo (k) fluoranthene	8.4	78	1		--	--	0.968	--				--		--				--			--		
Chrysene	84	780	1		--	--	0.798	--				--		--				--			--		
Fluoranthene	1,000	2,500	5.6		--	--	0.834	--				--		--				--			--		
Indeno (1,2,3-cd) pyrene	1	7.8	1		--	--	--	--				--		--				--			--		
Phenanthrene	1,000	2,500	4		--	--	--	--				--		--				--			--		
Pyrene	1,000	2,500	4		--	--	1.98	--				--		--				--			--		
ETPH per CTDEP method (mg/kg)	500	2,500	500	2,080	--	--	1,180	5,080**	2,520**	226	7,210	4,540	110	541	42.5	NA	408	1,080	--	NA	50.2	NA	NA
SPLP ETPH per CTDEP method (mg/l)	NE	NE	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)				NA	NA	NA			NA	NA			NA		NA	NA	NA		NA	NA		NA	NA
Arsenic	10	10	NE				1.87	1.59			NA	3.25		2.34				2.54			2.28		
Barium	4,700	140,000	NE				76.4	83.5			NA	110		67.5				94.9			66		
Cadmium	34	1,000	NE				0.565	0.818			NA	1.39		0.614				1.08			--		
Total Chromium	100	100	NE				16.7	8.21			NA	17.2		14.4				11.4			10.8		
Mercury	20	610	NE				--	0.0881			NA	0.0937		0.0781				0.0897			--		
Lead	500	1,000	NE				9.98	175			534	177		69.4				69.2			36.4		
Silver	340	10,000	NE				3.8	3.22			NA	3.16		4.31				3.08			2.61		
Selenium	340	10,000	NE				2.19	--			NA	2.66		2.62				1.49			1.91		
SPLP Metals per EPA 6010 & 7471 (mg/l)				NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	NE	NE	0.05									NA											
Barium	NE	NE	1									NA											
Cadmium	NE	NE	0.005									--											
Chromium	NE	NE	0.05									NA											
Mercury	NE	NE	0.002									NA											
Lead	NE	NE	0.015									--											
Silver	NE	NE	0.036									NA											
Selenium	NE	NE	0.05									NA											
TCLP Pb per EPA 6010 (mg/l)	NE	NE	5****	NA	NA	NA	NA	NA	NA	NA	1.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs per EPA 8082 (mg/kg)	1	10	NE	NA	NA	NA			NA	NA	NA		NA		NA	NA				NA			NA
PCB 1248	NE	NE	NE				--	--				--		--			--	--	--		--	--	
PCB 1260	NE	NE	NE				--	--				--		--			--	0.0343	--		--	--	
SPLP PCBs per EPA 8082 (mg/l)	NE	NE	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RES DEC = Residential Direct Exposure Criteria.
I/C DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
SPLP = Synthetic Precipitation Leaching Procedure.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
* GA PMC do not apply to soil below the seasonal low water table.
** Laboratory report indicated motor oil.
*** Asphalt fragments in soil sample. PMC do not apply.
**** EPA Hazardous Waste Regulatory Level
[#] = The production of acetone and other ketones is commonly seen when using the SW 848 5035A preservation/extraction technique
(#) = SPLP analysis indicated that the leachable concentration does not exceed the GA PMC.
-- = not detected, see laboratory reports for specific detection limits.
NA = not analyzed for this compound.
NE = Criteria not established.
Shaded values indicate an exceedance of the RES DEC.
Bold values indicate an exceedance of the GA PMC.

TABLE 4

Groundwater Sample Analytical Results

Task 210 - Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Ave., Farmington, Connecticut

	Remediation Standard Regulations				MW-1	MW-2	MW-3	MW-4	Duplicate (MW-4)	MW-5	Field Blank	Trip Blank
	RES VC	Proposed RES VC	GWPC	SWPC	5/8/08	5/8/08	5/8/08	5/8/08	5/8/08	5/8/08	5/8/08	5/8/08
VOCs per EPA 8260 (ug/l)												
Chloroform	287	26	6	14,100	--	--	--	3.5	3.6	--	--	--
PAHs per EPA 8270C (ug/l)					*NA*	--	*NA*	--	--	--	--	*NA*
ETPH per CT DEP method (ug/l)	NE	NE	100	NE	*NA*	--	*NA*	--	--	--	--	*NA*
Total Metals per EPA 6010/200.7 (ug/l)							*NA*					*NA*
Barium	NE	NE	1,000	NE	0.000159	0.00024		0.000239	0.000238	0.000221	--	
Chromium	NE	NE	50	110	0.0000129	--		--	--	--	--	
PCBs per EPA 8082 (ug/l)	NE	NE	0.5	0.5	*NA*	--	*NA*	--	--	--	--	*NA*

Notes:
RES VC = Residential Volatilization Criteria.
SWPC = Surface Water Protection Criteria.
Proposed VC = revised criteria proposed by the CT DEP in a March 2003 document.
GWPC = Groundwater Protection Criteria.
SWPC = Surface Water Protection Criteria.
VOCs = volatile organic compounds.
PAHs = polynuclear aromatic hydrocarbons
ETPH = extractable total petroleum hydrocarbons.
PCBs = polychlorinated biphenyls
NE = no criteria established.
ug/l = micrograms per liter.
-- = not detected, see laboratory reports for specific detection limits (Detection Limit < Criteria).
NA = not analyzed for this parameter.
Bold and shaded values indicate an exceedance of RSR criteria.

APPENDIX A

Soil Boring and Monitoring Well Completion Logs

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-101
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** rain, 40's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-3		0-0.25				Asphalt/Subase		
	1	0.25-2				Dark Brown F-M SAND, some F-C gravel, trace asphalt fragments and concrete	0.0	Groundwater not observed
	2	2-3			34	Red Brown F-C SAND, some F-C gravel and cobbles, trace glass fragments (refusal @ 3')	0.0	
						END OF BORING @ 3'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-102
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: rain, 40's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-3		0-0.5			34	Asphalt/Subase Rd Br F-C SAND, some F-C gravel and cobbles, trace silt (refusal @ 3', basalt)	0.1	Groundwater not observed
	1	0.5-3						
						END OF BORING @ 3'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
2 attempts - refusal @ 3' during both attempts

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 4/29/08
Date Completed: 4/29/08

BORING No. B-103

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT

Method of investigation: Geoprobe

Project No.: 03-273-03E
P. Manager: Chris Koelle
Drilling Co.: Logical Env. Solutions
Geologist: Joy Klappholz
Driller: Wayne
D. Helper: Cindy Knight
Drill Rig: Geoprobe
Weather: rain, 40's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.42				Asphalt/Subase		
	1	0.42-3			24	Dk Br F-M SAND, little silt, trace F-C gravel and cobbles	0.1	**Groundwater not observed**
4-6	2	4-5			11	Rd Br F-M SAND, trace silt and cobbles (refusal @ 6', brownstone)	0.2	
						END OF BORING @ 6'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 5/1/08	BORING No. B-104
1 of 1	Date Completed: 5/1/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: sunny, 50's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.5				Asphalt/Subase		Groundwater not observed
	1	0.5-2			38	Dk Br F-M SAND, trace F-C gravel and organic matter (twigs/roots)	1.0	
	2	2-3				same as above	0.0	
4-6	3	4-6			22	Rd Br F SAND and SILT, trace F gravel, damp (refusal @ 6')	0.0	
						END OF BORING @ 6'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 4/29/08
Date Completed: 4/29/08

BORING No. B-105

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT

Method of investigation: Geoprobe

Project No.: 03-273-03E
P. Manager: Chris Koelle
Drilling Co.: Logical Env. Solutions
Geologist: Joy Klappholz
Driller: Wayne
D. Helper: Cindy Knight
Drill Rig: Geoprobe
Weather: rain, 40's

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.33				Asphalt/Subase		
	1	0.33-2.5			31	Dk Br F-C SAND, trace silt, F-C gravel and brick fragments	0.8	**Groundwater not observed**
4-7	2	4-5.25			14	Dk Br / Rd Br F-M SAND and SILT, trace F gravel (refusal @ 7', sandstone)	0.3	
						END OF BORING @ 7'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 5/1/08	BORING No. B-106
1 of 1	Date Completed: 5/1/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** sunny, 50's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.5			30	Asphalt/Subase	0.4	Groundwater not observed
	1	0.5-2.5				Rd Br F-M SAND, little F gravel		
		2-2.5				Asphalt		
4-5.5	2	4-5			10	Dk Br / Rd Br F-M SAND, trace silt, F gravel, cobbles, and very fine asphalt fragments (refusal @ 5.5')	0.5	
						END OF BORING @ 5.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-107
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** rain, 40's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.25				Asphalt/Subase		Groundwater not observed
	1	0.25-2			36	Br F-M SAND, some silt, trace F-C gravel and asphalt fragments	0.0	
	2	2-3				same as above, weathered petroleum odor	2.5	
4-8	3	4-6				Br F-M SAND and SILT, trace F-C gravel and asphalt fragments	0.1	
		6-6.5			48	Light Br SILT		
	4	6.5-8				Rd Br F-C SAND, little silt, trace F gravel (refusal @ 8')	0.0	
						END OF BORING @ 8'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Weathered petroleum odor @ 2-3'

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-108
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: rain, 40's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.75				Asphalt/Subase		
	1	0.75-2.5			31	Orange Br F-M SAND (fill, UST grave)	0.0	Groundwater not observed
4-8	2	4-6				Or Br F-M SAND (fill)	0.0	
	3	6-7			36	Or Br F-M SAND (fill)	0.1	
8-12	4	8-10				Or Br F-M SAND (fill), wet @ 8' (perched water)	0.9	
	5	10-11			36	Or Br F-M SAND, trace silt (fill), wet @ 8' (perched water), petroleum odor	65.8	
12-13.5	6	12-13.5			18	Or Br F-M SAND, trace silt (fill), wet @ 8' (perched water), petroleum odor (refusal @ 13.5')	21.2	
						END OF BORING @ 13.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Petroleum odor 10-13.5'

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 5/1/08	BORING No. B-109
1 of 1	Date Completed: 5/1/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** sunny, 50's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.5				Asphalt/Subase		Groundwater not observed
	1	0.5-2			38	Rd Br F-M SAND and F GRAVEL, little asphalt fragments	0.2	
	2	2-3				Rd Br F-M SAND, trace silt and F gravel	0.3	
4-8	3	4-6				Or Br F SAND (some asphalt fall-in)	0.0	
	4	6-8			48	Rd Br F-M SAND, little silt, trace F-C gravel	0	
8-11.5	5	8-10				Rd Br F-M SAND and SILT, trace F-C gravel, slight petroleum odor	1.2	
	6	10-11			36	Rd Br M-C SAND, trace silt and F gravel (refusal @ 11.5')	0.8	
						END OF BORING @ 11.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:
Petroleum odor from 8-10'

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-110
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: rain, 40's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.25				Asphalt/Subase		
	1	0.25-2			33	Br / Dk Br F-C SAND, trace silt and F gravel, weathered petroleum odor	2.7	Groundwater not observed
	2	2-3				Br F SAND and SILT, trace F gravel, weathered petroleum odor	1.0	
4-7.5	3	4-6			40	Lt Br clayey SILT, trace F gravel, wet @ 4' (perched water)	0.2	
	4	6-7.5'				Rd Br F SAND, trace silt and F gravel (refusal @ 7.5')	0.0	
						END OF BORING @ 7.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-111
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** rain, 40's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.63				Concrete		
	1	0.63-2			32	Rd Br / Dk Br F-M SAND, trace silt, F gravel, and asphalt fragments	0.0	Groundwater not observed
	2	2-3.5				same as above	0.0	
4-5.5	3	4-5.5			16	Rd/Or Br F-SAND and SILT, trace F gravel and asphalt fragements (refusal @ 5.5')	0.0	
						END OF BORING @ 5.5'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-112
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	**Drilling Co.:** Logical Env. Solutions	**Driller:** Wayne	**Drill Rig:** Geoprobe	**Weather:** rain, 40's
P. Manager: Chris Koelle	**Geologist:** Joy Klappholz	**D. Helper:** Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.42			34	Concrete		Groundwater not observed
	1	0.42-2				Dk/Rd Br F-C SAND, little silt, trace F gravel and asphalt fragements	0.0	
	2	2-3				Rd Br SILT, trace F-M sand and F gravel	0.0	
4-8	3	4-6			41	Br F SAND, trace silt and F gravel	0.0	
	4	6-8				Lt Br SILT	0.2	
8-12	5	8-10			41	Lt BR clayey SILT, trace F-M sand, wet @9' (perched water)	0.3	
	6	10-11.5				Lt BR clayey SILT, wet (perched water)	0.1	
12-14	7	12-14			26	Lt/Rd Br clayey SILT, trace F gravel and cobbles (refusal @ 14')	0.1	
						END OF BORING @ 14'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-113
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: rain, 40's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.58			19	Concrete		Groundwater not observed
		0.58-0.75				Lt Br F SAND		
	1	0.75-1.5				Dk/Rd Br F-M SAND, trace silt and F gravel	0.5	
4-8	2	4-6			46	Rd Br F-C SAND, trace silt and F gravel, with glass fragements	0.6	
	3	6-8				Rd Br SILT, trace F-C gravel	0.0	
8-10	4	8-10			22	Rd Br SILT, trace Lt Br sand and F gravel (refusal @ 10')	0.7	
						END OF BORING @ 10'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet	Date started: 4/29/08	BORING No. B-114
1 of 1	Date Completed: 4/29/08	

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT
Method of investigation: Geoprobe

Project No.: 03-273-03E	Drilling Co.: Logical Env. Solutions	Driller: Wayne	Drill Rig: Geoprobe	Weather: rain, 40's
P. Manager: Chris Koelle	Geologist: Joy Klappholz	D. Helper: Cindy Knight		

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-4		0-0.42				Concrete		
	1	0.42-2.5			28	Br F-M SAND, trace F gravel and silt	0.3	Groundwater not observed
4-8	2	4-6				Br F-M SAND, little silt, trace F gravel	0.2	
	3	6-8			41	Lt Br clayey SILT, trace F sand	0.3	
8-10	4	8-10				Rd Br F-M SAND, little silt, trace F gravel (refusal @ 10')	0.1	
					20			
						END OF BORING @ 10'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments:

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 5/5/08
Date Completed: 5/5/08

BORING No. MW-4

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT

Method of investigation: Hollow Stem Auger

Project No.: 03-273-03E
P. Manager: Chris Koelle

Drilling Co.: Columbia Drilling
Geologist: Joy Klappholz

Driller: Chris
D. Helper: Jose

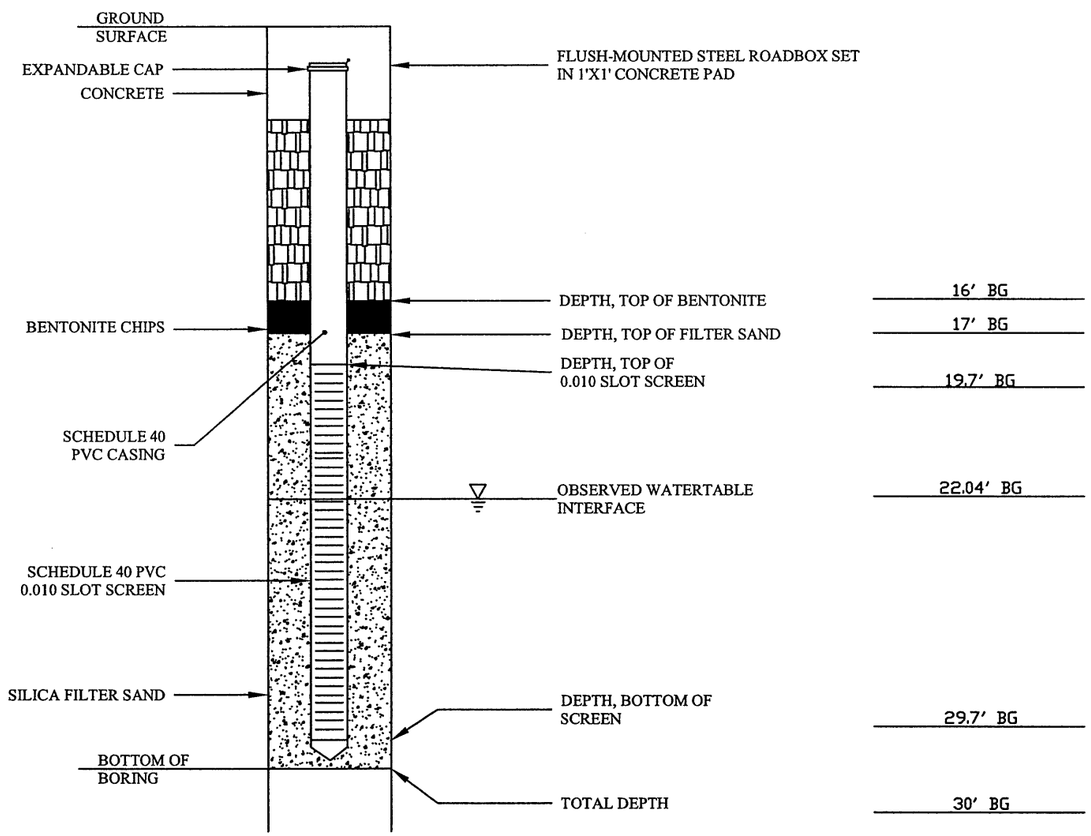
Drill Rig: H.S.A.
Weather: sunny, 65

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-5		0-0.4				Asphalt		
		0.4-5				Drill cuttings consist of Dk Br F-M SAND, trace F-C gravel and silt		
5-10		5-7				Drill cuttings consist of Rd Br F-M SAND, some F-C gravel and cobbles		
		7-10				Boulder		
10-15		10-15				Drill cuttings consist of Rd Br F-M SAND, some F-C gravel and cobbles		
15-20		15-20				same as above		
20-25	1	20-22			5	same as above		**Groundwater @ 23'**
	2	22-24			17	Rd Br F SAND and SILT, trace F gravel and cobbles, tight , wet @ 23'		
		24-25				Drill cuttings consist of Rd Br F SAND and SILT, trace F gravel, cobbles, and boulders		
25-30		25-30				same as above		
						END OF BORING @ 30'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments: 2" diameter well installed at a depth of 30', 10' of screen, expandable cap, and a manhole cemented in place (See attached well diagram)

MONITORING WELL COMPLETION DIAGRAM	SHEET 1 OF 1	DATE COMPLETED: 5/5/08	WELL ID **MW-4**
	DRILLING COMPANY: COLUMBIA ENVIR. DRILLING, INC.	DRILLER: CHRIS HELPER: JOSE	DRILL RIG: TRUCK MOUNTED RIG
	DTC GEOLOGIST: JOY KLAPPHOLZ	PROJECT MANAGER: CHRIS KOELLE	METHOD OF INVESTIGATION: HSA
BACKFILL WELL KEY NATIVE BACKFILL, GROUT, BENTONITE, FILTER SAND			WEATHER SUNNY/60F



CONSTRUCTION NOTES:

2" DIAMETER WELL, 10' SCREEN, FINISH WITH 6" FLUSH PROTECTOR

dtc
DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4200 203 234 7376 FAX

DWG. FILE: MW-4.DWG
DRAWN BY: JK
SCALE: NTS

DTC No.: 03-273-03E
DATE: 5/20/08
SHEET: 1 OF 1

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

DIVERSIFIED TECHNOLOGY CONSULTANTS

Subsurface Log

Sheet 1 of 1

Date started: 5/6/08
Date Completed: 5/6/08

BORING No. MW-5

Project: DOT Route 4 Farmington Task 210
Location: Farmington, CT

Method of investigation: Hollow Stem Auger

Project No.: 03-273-03E
P. Manager: Chris Koelle
Drilling Co.: Columbia Drilling
Geologist: Joy Klappholz
Driller: Chris
D. Helper: Jose
Drill Rig: H.S.A.
Weather: sunny, 70

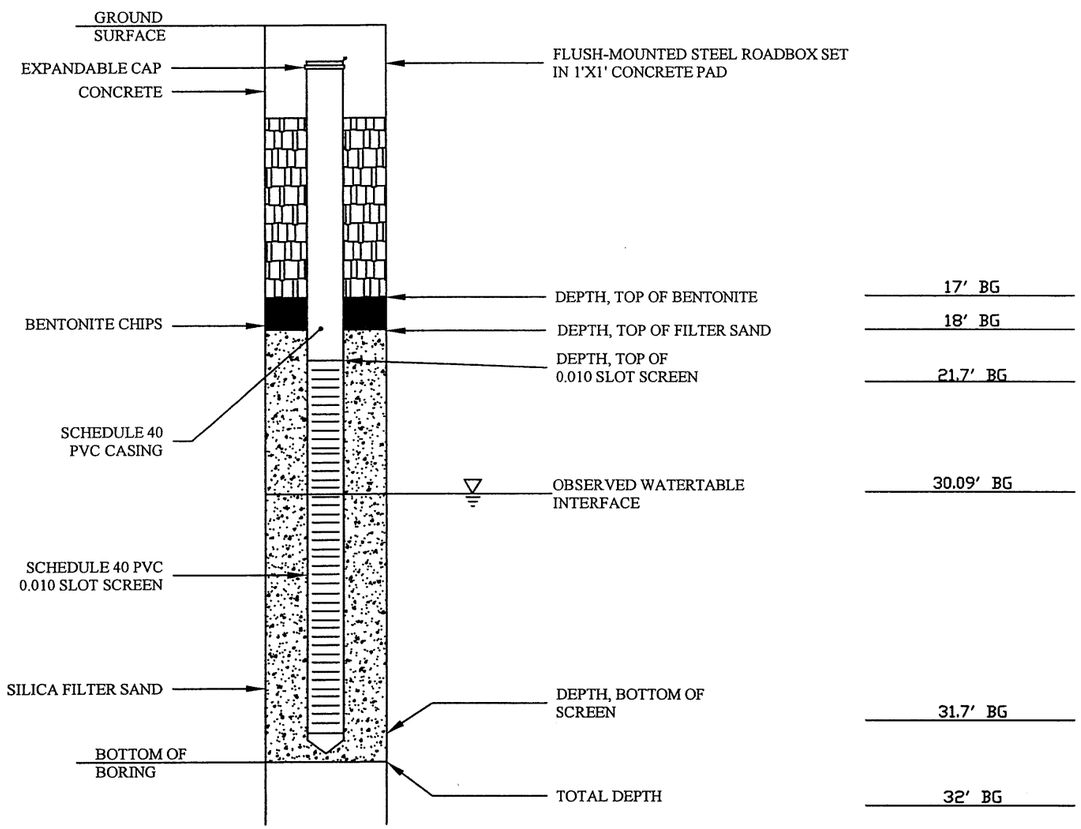
Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
0-5		0-0.4				Asphalt		
		0.4-5				Drill cuttings consist of Dk Br F-M SAND, trace F-C gravel andcobbles		
5-10		5-10				Drill cuttings consist of Rd Br F-M SAND and SILT, some F-C gravel and cobbles dry		
10-15		10-15				same as above		
15-20		15-20				same as above		
20-25		20-25				same as above Rd Br F SAND and SILT with F-C gravel and cobbles		
25-30	1	25-27			1	Rd Br SAND and SILT, trace F gravel, dry		
		27-29			1	Rd Br SAND and SILT, trace F gravel, dry		
		29-30				Drill cuttings consist of Rd Br F-M SAND and SILT with F-C gravel and cobbles, dry		
30-32		30-32				same as above		Groundwater not observed
						END OF BORING @ 32'		

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = Other: _____
N = ASTM D1586

Comments: 2" diameter well installed at a depth of 32', 10' of screen, expandable cap, and a manhole cemented in place (See attached well diagram)

MONITORING WELL COMPLETION DIAGRAM

	SHEET 1 OF 1	DATE COMPLETED: 5/6/08	WELL ID **MW-5**
	DRILLING COMPANY: COLUMBIA ENVIR. DRILLING, INC.	DRILLER: CHRIS HELPER: JOSE	DRILL RIG: TRUCK MOUNTED RIG
	DTC GEOLOGIST: JOY KLAPPHOLZ	PROJECT MANAGER: CHRIS KOELLE	METHOD OF INVESTIGATION: HSA
BACKFILL WELL KEY NATIVE BACKFILL, GROUT, BENTONITE, FILTER SAND			WEATHER SUNNY/60F



CONSTRUCTION NOTES:

2" DIAMETER WELL, 10' SCREEN, FINISH WITH 6" FLUSH PROTECTOR

dtc
DIVERSIFIED TECHNOLOGY CONSULTANTS
656 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 236 4269 203 234 7378 FAX

DWG. FILE: MW-5.DWG
DRAWN BY: JK
SCALE: NTS

DTC No.: 03-273-03E
DATE: 5/20/08
SHEET: 1 OF 1

APPENDIX B

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-1
Sampling Sequence:

DATE: 05/ 8 /08
Weather Conditions:

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: J.Benway/J. Klappholz

WELL LOCATION:

WELL CONDITION

Protective Casing: Intact / Damaged *Locked:* Yes / No
Well # Visible: Yes / No *Well Cap:* Okay / Damaged (Missing)
Water Between Steel & PVC: Yes / No *Ponding Around Well:* Yes / No
Lock Condition: Okay / Damaged *PVC Riser Condition:* Okay / Damaged
Concrete Base: Intact / Damaged *Well Diameter:* 2" 4" 6" 8"
Well Material: PVC / Steel / Other_____

ELEVATION DATA

(Total Depth 29.55 ft) – (Depth to Water: 27.42 ft) = (Height:_____ ft)
(Height:_____ ft) X (Well Dia Ftr:_____ gal/ft) = (Well Volume:_____ gal)
(Well Volume:_____ gal) X (1 2 3) =_____ gallons to be purged

Well Diameter Factors: (gallons/ft)			
	1.5" = 0.1	2" = 0.16	4" = 0.6
	5.75" = 1.35	6" = 1.47	8" = 2.6

Pre-purge Water Column Observations: Floating Product: Yes / No
Odor: Yes / No *Product Thickness:* _____

Comments:

SAMPLE DATA

Sample Method:	CT Low-Flow		
Pump Type:	Peristaltic Pump	Sample Depth:	
Controller:		Field Filtered:	No
Compressor:		Filter Method:	NA
Controller Setting:		LNAPLs (ft):	
Flow Rate:		DNAPLs (ft):	
Draw Down (ft):		Total Purge Vol.	1 gallon

BOTTLES / ANALYTICAL PARAMETERS:

Container:	*Quantity*	*Preserv.*	*Parameters:*
40 ml Vial	2	HCL	VOCs
500 ml Plastic	1	HNO3	RCRA 8 Metals
1L Amber	2	NA	ETPH, PAHs, PCBs

GROUNDWATER MONITORING

Time	*Volume*	*Temp.*	*pH*	*Specific Conductance*	*Turbidity*	*Dissolved Oxygen*	*ORP*	
	-		-					
1208	Initial	14.11	7.36	0.904	43.0	6.74	-76.0	
1213	1st	13.90	7.34	0.889	11.8	6.04	-75.5	
1218	2nd	13.78	7.32	0.873	3.46	6.60	-74.3	
1223	3rd	13.86	7.32	0.871	3.62	5.89	-73.8	
	4th							
	5th							
	6th							
	7th							
	8th							
		3%	~0.1	3%	~10% or 1 NTU	10%	~10 mV	
		20.38	8.31	0.002	0.43	7.17	-87.7	

ADDITIONAL COMMENTS:

Sample @ 1225

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-2
Sampling Sequence:

DATE: 05/8 /08
Weather Conditions:

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: J.Benway/J. Klappholz

WELL LOCATION:

WELL CONDITION

Protective Casing: Intact / Damaged *Locked:* Yes / No
Well # Visible: Yes / No *Well Cap:* Okay / Damaged Missing
Water Between Steel & PVC: Yes / No *Ponding Around Well:* Yes / No
Lock Condition: Okay / Damaged *PVC Riser Condition:* Okay / Damaged
Concrete Base: Intact / Damaged *Well Diameter:* 2" 4" 6" 8"
Well Material: PVC / Steel / Other_____

ELEVATION DATA

(Total Depth: 23.30 ft) – (Depth to Water: 20.43 ft) = (Height:_____ ft)
(Height:_____ ft) X (Well Dia Ftr:_____ gal/ft) = (Well Volume:_____ gal)
(Well Volume:_____ gal) X (1 2 3) =_____ gallons to be purged

Well Diameter Factors:	1.5" = 0.1	2" = 0.16	4" = 0.6
(gallons/ft)	5.75" = 1.35	6" = 1.47	8" = 2.6

Comments: 1200 well went dry

Pre-purge Water Column Observations: Floating Product: Yes / No
Odor: Yes / No *Product Thickness:* _____

SAMPLE DATA

Sample Method:	CT Low-Flow		
Pump Type:	Peristaltic Pump	Sample Depth:	
Controller:		Field Filtered:	No
Compressor:		Filter Method:	NA
Controller Setting:		LNAPLs (ft):	
Flow Rate:		DNAPLs (ft):	
Draw Down (ft):		Total Purge Vol.	1 gallon

BOTTLES / ANALYTICAL PARAMETERS:

Container:	*Quantity*	*Preserv.*	*Parameters:*
40 ml Vial	2	HCL	VOCs
500 ml Plastic	1	HNO3	RCRA 8 Metals
1L Amber	2	NA	ETPH, PAHs, PCBs

GROUNDWATER MONITORING

Time	*Volume*	*Temp.*	*pH*	*Specific Conductance*	*Turbidity*	*Dissolved Oxygen*	*ORP*	
	-		-					
1134	Initial	11.53	7.33	0.395	34.8	11.18	-72.1	
1143	1st	12.62	7.29	0.425	21.9	9.69	-69.7	
1148	2nd	12.18	7.21	0.456	31.7	10.66	-68.7	
11:57	3rd	12.61	7.13	0.480	88	8.64	-70.4	
	4th							
	5th							
	6th							
	7th							
	8th							
		3%	~0.1	3%	~10% or 1 NTU	10%	~10 mV	

ADDITIONAL COMMENTS:

Sample @ 1406

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-3
Sampling Sequence:

DATE: 05/8/08
Weather Conditions:

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: J.Benway/J. Klappholz

WELL LOCATION:

WELL CONDITION

Protective Casing: Intact / Damaged *Locked:* Yes / No

Well # Visible: Yes / No *Well Cap:* Okay / Damaged

Water Between Steel & PVC: Yes / No *Ponding Around Well:* Yes / No

Lock Condition: Okay / Damaged *PVC Riser Condition:* Okay / Damaged

Concrete Base: Intact / Damaged *Well Diameter:* 2" 4" 6" 8"

Well Material: PVC / Steel / Other_____

ELEVATION DATA

(Total Depth: 30.15 ft) – (Depth to Water: 28.81 ft) = (Height:_____ ft)

(Height:_____ ft) X (Well Dia Ftr:_____ gal/ft) = (Well Volume:_____ gal)

(Well Volume:_____ gal) X (1 2 3) =_____ gallons to be purged

Well Diameter Factors:	1.5" = 0.1	2" = 0.16	4" = 0.6
(gallons/ft)	5.75" = 1.35	6" = 1.47	8" = 2.6

Pre-purge Water Column Observations: *Floating Product:* Yes / No

Odor: Yes / No *Product Thickness:* _____

Comments: 1017 - well went dry
VOC only

SAMPLE DATA

Sample Method:	CT Low-Flow		
Pump Type:	Peristaltic Pump	Sample Depth:	
Controller:		Field Filtered:	No
Compressor:		Filter Method:	NA
Controller Setting:		LNAPLs (ft):	
Flow Rate:		DNAPLs (ft):	
Draw Down (ft):		Total Purge Vol.	0.75 gal

BOTTLES / ANALYTICAL PARAMETERS:

Container:	*Quantity*	*Preserv.*	*Parameters:*
40 ml Vial	2	HCL	VOCs
~~500 ml Plastic~~	~~1~~	~~HNO3~~	~~RCRA 8 Metals~~
~~1L Amber~~	~~2~~	~~NA~~	~~ETPH, PAHs, PCBs~~

GROUNDWATER MONITORING

Time	*Volume*	*Temp.*	*pH*	*Specific Conductance*	*Turbidity*	*Dissolved Oxygen*	*ORP*	
	-		-					
0957	Initial	13.54	7.30	0.388	229	9.76	-63.8	
1002	1st	13.42	7.30	0.363	359	7.39	-64.1	
1009	2nd	13.48	7.37	0.358	120	8.47	-61.8	
	3rd							
	4th							
	5th							
	6th							
	7th							
	8th							
		3%	~0.1	3%	~10% or 1 NTU	10%	~10 mV	

ADDITIONAL COMMENTS:

0950 Start Purge

Sample @ 1435

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS — LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-4
Sampling Sequence:

DATE: 05/ 8 /08
Weather Conditions: overcast AM RAIN ≈ 70°F

WELL LOCATION: behind main building

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: J.Benway/J. Klappholz

WELL CONDITION

Protective Casing: Intact / Damaged *Locked:* Yes / No

Well # Visible: Yes / No *Well Cap:* Okay / Damaged

Water Between Steel & PVC: Yes / No *Ponding Around Well:* Yes / No

Lock Condition: Okay / Damaged *PVC Riser Condition:* Okay / Damaged

Concrete Base: Intact / Damaged *Well Diameter:* 2" 4" 6" 8"

Well Material: PVC / Steel / Other_____

ELEVATION DATA

(Total Depth: 29.70 ft) – (Depth to Water: 22.04 ft) = (Height:_____ ft)

(Height:_____ ft) X (Well Dia Ftr:_____ gal/ft) = (Well Volume:_____ gal)

(Well Volume:_____ gal) X (1 2 3) =_____ gallons to be purged

Well Diameter Factors: (gallons/ft)			
	1.5" = 0.1	2" = 0.16	4" = 0.6
	5.75" = 1.35	6" = 1.47	8" = 2.6

Pre-purge Water Column Observations: Floating Product: Yes / No

Odor: Yes / No *Product Thickness:* _____

Comments:

SAMPLE DATA

Sample Method:	CT Low-Flow		
Pump Type:	Peristaltic Pump	Sample Depth:	
Controller:		Field Filtered:	No
Compressor:		Filter Method:	NA
Controller Setting:		LNAPLs (ft):	
Flow Rate:		DNAPLs (ft):	
Draw Down (ft):		Total Purge Vol.	2 gallons

BOTTLES / ANALYTICAL PARAMETERS:

Container:	*Quantity*	*Preserv.*	*Parameters:*
40 ml Vial	2	HCL	VOCs
500 ml Plastic	1	HNO3	RCRA 8 Metals
1L Amber	2	NA	ETPH, PAHs, PCBs

GROUNDWATER MONITORING

Time	*Volume*	*Temp.*	*pH*	*Specific Conductance*	*Turbidity*	*Dissolved Oxygen*	*ORP*	
	-		-					
12:53	Initial	14.57	7.33	0.348	18.5	8.05	-81.0	
13:01	1st	14.07	7.21	0.350	12.6	6.30	-77.8	
13 08	2nd	14.14	7.23	0.353	10.14	6.17	-77.0	
1313	3rd	14.19	7.24	0.354	7.88	5.96	-76.6	
1318	4th	14.24	7.23	0.357	5.96	5.95	-77.0	
1323	5th	14.24	7.24	0.359	2.72	5.93	-77.0	
	6th							
	7th							
	8th							
		3%	~0.1	3%	~10% or 1 NTU	10%	~10 mV	

ADDITIONAL COMMENTS:

1400

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS — dtc — LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-5
Sampling Sequence:

DATE: 05/ 9 /08
Weather Conditions:

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: J.Benway/J. Klappholz

WELL LOCATION:

WELL CONDITION

Protective Casing: (Intact) / Damaged *Locked:* Yes / (No)

Well # Visible: Yes / (No) *Well Cap:* (Okay) / Damaged

Water Between Steel & PVC: Yes / (No) *Ponding Around Well:* Yes / (No)

Lock Condition: Okay / Damaged *PVC Riser Condition:* (Okay) / Damaged

Concrete Base: (Intact) / Damaged *Well Diameter:* (2") 4" 6" 8"

Well Material: (PVC) / Steel / Other_____

ELEVATION DATA

(Total Depth: 31.70 ft) – (Depth to Water: 30.09 ft) = (Height:_____ ft)

(Height:_____ ft) X (Well Dia Ftr:_____ gal/ft) = (Well Volume:_____ gal)

(Well Volume:_____ gal) X (1 2 3) =_____ gallons to be purged

Well Diameter Factors: (gallons/ft)			
	1.5" = 0.1	2" = 0.16	4" = 0.6
	5.75" = 1.35	6" = 1.47	8" = 2.6

Pre-purge Water Column Observations: Floating Product: Yes / No

Odor: Yes / No *Product Thickness:* _____

Comments:

SAMPLE DATA

Sample Method:	CT Low-Flow		
Pump Type:	Peristaltic Pump	Sample Depth:	
Controller:		Field Filtered:	No
Compressor:		Filter Method:	NA
Controller Setting:		LNAPLs (ft):	
Flow Rate:		DNAPLs (ft):	
Draw Down (ft):		Total Purge Vol.	1 gallon

BOTTLES / ANALYTICAL PARAMETERS:

Container:	*Quantity*	*Preserv.*	*Parameters:*
40 ml Vial	2	HCL	VOCs
500 ml Plastic	1	HNO3	RCRA 8 Metals
1L Amber	2	NA	ETPH, PAHs, PCBs

GROUNDWATER MONITORING

Time	*Volume*	*Temp.*	*pH*	*Specific Conductance*	*Turbidity*	*Dissolved Oxygen*	*ORP*	
	-		-					
1034	Initial	15.42	7.86	0.429	38.8	10.35	-77.0	
1039	1st	15.42	7.66	0.441	11.2	6.69	-75.8	
1044	2nd	15.53	7.55	0.458	9.86	7.67	-76.8	
1049	3rd	15.59	7.48	0.459	4.59	7.77	-76.6	
1054	4th	15.70	7.42	0.464	4.89	7.72	-76.5	
	5th							
	6th							
	7th							
	8th							
		3%	~0.1	3%	~10% or 1 NTU	10%	~10 mV	

ADDITIONAL COMMENTS:

Sample ID 1100

APPENDIX C

Soil Analytical Laboratory Report

Report Date:
16-May-08 16:24

☐ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Diversified Technology Consultants
556 Washington Avenue
North Haven, CT 06473
Attn: Christopher Koelle

Project: Conn Dot Farmington Rt 4 - Parsons, CT
Project 03-273-03E

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA78027-01	B-101 (0.25-2)	Soil	29-Apr-08 08:05	02-May-08 14:45
SA78027-02	B-101 (2-3)	Soil	29-Apr-08 08:15	02-May-08 14:45
SA78027-03	B-102 (0.5-3)	Soil	29-Apr-08 07:45	02-May-08 14:45
SA78027-04	B-103 (0.42-2)	Soil	29-Apr-08 07:00	02-May-08 14:45
SA78027-05	B-103 (4-5)	Soil	29-Apr-08 07:05	02-May-08 14:45
SA78027-06	B-104 (0.5-2)	Soil	01-May-08 08:05	02-May-08 14:45
SA78027-07	B-104 (2-3)	Soil	01-May-08 08:15	02-May-08 14:45
SA78027-08	B-105 (0.33-2.5)	Soil	29-Apr-08 12:50	02-May-08 14:45
SA78027-09	B-105 (4-5.25)	Soil	29-Apr-08 12:55	02-May-08 14:45
SA78027-10	B-106 (0.5-2.5)	Soil	01-May-08 09:00	02-May-08 14:45
SA78027-11	B-106 (4-5)	Soil	01-May-08 09:10	02-May-08 14:45
SA78027-12	B-107 (0.25-2)	Soil	29-Apr-08 13:15	02-May-08 14:45
SA78027-13	B-107 (2-3)	Soil	29-Apr-08 13:20	02-May-08 14:45
SA78027-14	B-107 (4-6)	Soil	29-Apr-08 13:25	02-May-08 14:45
SA78027-15	B-108 (0.75-2.5)	Soil	29-Apr-08 13:40	02-May-08 14:45
SA78027-16	B-108 (4-6)	Soil	29-Apr-08 13:45	02-May-08 14:45
SA78027-18	B-108 (8-10)	Soil	29-Apr-08 13:55	02-May-08 14:45
SA78027-19	B-108 (10-11)	Soil	29-Apr-08 14:00	02-May-08 14:45
SA78027-20	B-108 (12-13.5)	Soil	29-Apr-08 14:05	02-May-08 14:45
SA78027-21	B-109 (0.5-2)	Soil	01-May-08 09:30	02-May-08 14:45
SA78027-22	B-109 (2-3)	Soil	01-May-08 09:35	02-May-08 14:45
SA78027-24	B-109 (6-8)	Soil	01-May-08 09:45	02-May-08 14:45
SA78027-25	B-109 (8-10)	Soil	01-May-08 09:50	02-May-08 14:45
SA78027-27	B-110 (0.25-2)	Soil	29-Apr-08 14:06	02-May-08 14:45
SA78027-28	B-110 (2-3)	Soil	29-Apr-08 14:10	02-May-08 14:45
SA78027-29	B-110 (4-6)	Soil	29-Apr-08 14:15	02-May-08 14:45
SA78027-30	B-111 (2-3.5)	Soil	29-Apr-08 11:45	02-May-08 14:45
SA78027-31	B-111 (0.63-2)	Soil	29-Apr-08 11:40	02-May-08 14:45
SA78027-32	B-111 (4-5.5)	Soil	29-Apr-08 11:50	02-May-08 14:45
SA78027-33	B-112 (0.42-2)	Soil	29-Apr-08 10:15	02-May-08 14:45
SA78027-34	B-112 (2-3)	Soil	29-Apr-08 10:20	02-May-08 14:45
SA78027-36	B-112 (8-10)	Soil	29-Apr-08 10:35	02-May-08 14:45
SA78027-38	B-113 (0.58-1.5)	Soil	29-Apr-08 11:05	02-May-08 14:45
SA78027-39	B-113 (4.-6)	Soil	29-Apr-08 11:10	02-May-08 14:45
SA78027-40	B-113 (6-8)	Soil	29-Apr-08 11:15	02-May-08 14:45
SA78027-41	B-113 (8-10)	Soil	29-Apr-08 11:20	02-May-08 14:45
SA78027-42	B-114 (0.42-2.5)	Soil	29-Apr-08 10:40	02-May-08 14:45
SA78027-43	B-114 (4-6)	Soil	29-Apr-08 10:45	02-May-08 14:45
SA78027-44	Trip Blank	Methanol/Deionized Water	01-May-08 00:00	02-May-08 14:45
SA78027-45	Duplicate-1	Soil	29-Apr-08 00:00	02-May-08 14:45
SA78027-46	Duplicate-2	Soil	29-Apr-08 00:00	02-May-08 14:45

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 194 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
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 (NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received 5.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method; samples collected for air analysis should be collected and submitted at ambient temperature.

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

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

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

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

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method 8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

+CT ETPH

Samples:

SA78027-30 *B-111 (2-3.5)*

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

1-Chlorooctadecane

SW 846 8260B

Laboratory Control Samples:

8050304-BS1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Acetone

Analyte out of acceptance range.

Vinyl chloride

8050304-BSD1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Acetone

8050319-BS1

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

1,1,2,2-Tetrachloroethane
2,2-Dichloropropane
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

Analyte out of acceptance range.

Trichloroethene

8050319-BSD1

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

1,1,2,2-Tetrachloroethane
2,2-Dichloropropane
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Acetone

8050495-BS1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Trichlorofluoromethane (Freon 11)

8050495-BSD1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Trichlorofluoromethane (Freon 11)

8050541-BS1

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

1,2,3-Trichloropropane

SW 846 8260B

Laboratory Control Samples:

8050541-BSD1

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

1,2,3-Trichloropropane

Analyte out of acceptance range.

Carbon tetrachloride
Trichlorofluoromethane (Freon 11)

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.

Vinyl chloride

8050614-BS1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)

8050614-BSD1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)

Analyte out of acceptance range.

Chloromethane

8050921-BSD1

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Tert-Butanol / butyl alcohol

8050924-BS1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)

8050924-BSD1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)

SW 846 8260B

Spikes:

8050319-MS1 *Source: SA78022-01*

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

1,1-Dichloroethene

8050319-MSD1 *Source: SA78022-01*

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

1,1-Dichloroethene

8050614-MS1 *Source: SA77967-03*

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

1,1-Dichloroethene

8050614-MSD1 *Source: SA77967-03*

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

1,1-Dichloroethene

SW 846 8260B

Samples:

SA78027-01 *B-101 (0.25-2)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-03 *B-102 (0.5-3)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-05 *B-103 (4-5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-06 *B-104 (0.5-2)*

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

Acetone

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-07 *B-104 (2-3)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-08 *B-105 (0.33-2.5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-09 *B-105 (4-5.25)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-10 *B-106 (0.5-2.5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-11 *B-106 (4-5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-11RE1 *B-106 (4-5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW 846 8260B

Samples:

SA78027-13 *B-107 (2-3)*

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

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-16 *B-108 (4-6)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-18 *B-108 (8-10)*

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

1,2-Dichloroethane-d4

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-19 *B-108 (10-11)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-20 *B-108 (12-13.5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-22 *B-109 (2-3)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-25 *B-109 (8-10)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-25RE1 *B-109 (8-10)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-27 *B-110 (0.25-2)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-30 *B-111 (2-3.5)*

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

1,2-Dichloroethane-d4

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW 846 8260B

Samples:

SA78027-33 *B-112 (0.42-2)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-36 *B-112 (8-10)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-39 *B-113 (4.-6)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-41 *B-113 (8-10)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SA78027-42 *B-114 (0.42-2.5)*

The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.

SW846 6010B

Laboratory Control Samples:

8050290-SRM1

Analyte out of acceptance range.

Lead

SW846 6010B

Spikes:

8050290-MS1 *Source: SA78027-42*

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

Silver

8050290-MSD1 *Source: SA78027-42*

RPD out of acceptance range. The batch is accepted based upon LCS and/or LCSD recovery.

Silver

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

Silver

8050562-MS1 *Source: SA78027-04*

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

Barium

8050562-MSD1 *Source: SA78027-04*

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

Barium

Duplicates:

8050290-DUP1 *Source: SA78027-05*

RPD out of acceptance range. The batch is accepted based upon LCS and/or LCSD recovery.

Silver

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

Chromium

SW846 8270C

Duplicates:

8050792-DUP1 *Source: SA78055-06*

Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.

Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (k) fluoranthene
Chrysene
Fluoranthene
Indeno (1,2,3-cd) pyrene
Phenanthrene
Pyrene

SW846 8270C

Samples:

SA78027-27 *B-110 (0.25-2)*

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

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

2,4,6-Tribromophenol
2-Fluorophenol
Phenol-d5

SA78027-30 *B-111 (2-3.5)*

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

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

2-Fluorobiphenyl
Nitrobenzene-d5
Terphenyl-dl4

SA78027-39 *B-113 (4.-6)*

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

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

2,4,6-Tribromophenol
2-Fluorophenol
Phenol-d5

SA78027-46 *Duplicate-2*

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (0.25-2) SA78027-01	03-273-03E	Soil	29-Apr-08 08:05	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10			Initial weight: 7.48 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	BRL		µg/kg dry	56.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	56.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (0.25-2) SA78027-01	03-273-03E	Soil	29-Apr-08 08:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.48 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	113	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.2	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2820	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	436	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	436	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	436	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	436	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	436	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	436	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	436	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	436	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	436	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	436	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	436	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	436	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	436	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	436	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (0.25-2) SA78027-01	03-273-03E	Soil	29-Apr-08 08:05	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	436	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	436	1	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	436	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	436	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	436	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	436	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	436	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	436	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	436	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	436	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	436	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	436	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	436	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	436	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	436	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	436	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	436	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	436	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	436	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	436	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	436	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	436	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	436	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	436	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	436	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	436	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	436	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	436	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	436	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	436	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	436	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	436	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1740	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1740	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	436	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	436	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (0.25-2) SA78027-01	03-273-03E	Soil	29-Apr-08 08:05	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	436	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	436	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	436	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	436	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	436	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	436	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	436	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*74*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*79*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*73*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	25.2	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	25.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	25.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	25.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	25.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	25.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	25.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	25.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	25.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*51*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.6	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.6	1	"	"	"	"	"
	Unidentified	19.0		mg/kg dry	17.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	17.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	19.0		mg/kg dry	17.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	19.0		mg/kg dry	17.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*64*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (0.25-2) SA78027-01	03-273-03E	Soil	29-Apr-08 08:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.20		mg/kg dry	1.60	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	6.35		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	184		mg/kg dry	1.07	1	"	"	"	"	"
7440-43-9	Cadmium	1.25		mg/kg dry	0.533	1	"	"	"	"	"
7440-47-3	Chromium	18.6		mg/kg dry	1.07	1	"	"	"	"	"
7439-97-6	Mercury	0.952		mg/kg dry	0.0360	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	462		mg/kg dry	1.60	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	3.45		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	13-May-08	13-May-08	8050956	CMK
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	14-May-08	15-May-08	8051024	JMN
7440-39-3	Barium	0.0157		mg/l	0.0100	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	"
7439-92-1	Lead	0.0209		mg/l	0.0150	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.5		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-101 (2-3) SA78027-02	03-273-03E	Soil	29-Apr-08 08:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	20.5		mg/kg dry	1.44	1	SW846 6010B	12-May-08	14-May-08	8050852	SA
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (0.5-3) SA78027-03	03-273-03E	Soil	29-Apr-08 07:45	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.02 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.1	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
67-64-1	Acetone	BRL		µg/kg dry	41.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	41.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.1	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (0.5-3) SA78027-03	03-273-03E	Soil	29-Apr-08 07:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.02 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.1	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
100-42-5	Styrene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	41.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	41.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	82.2	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.6	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2060	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	414	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	414	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	414	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	414	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	414	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	414	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	414	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	414	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	414	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	414	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	414	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	414	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	414	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	414	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (0.5-3) SA78027-03	03-273-03E	Soil	29-Apr-08 07:45	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	414	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	414	1	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	414	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	414	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	414	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	414	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	414	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	414	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	414	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	414	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	414	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	414	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	414	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	414	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	414	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	414	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	414	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	414	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	414	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	414	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	414	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	414	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	414	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	414	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	414	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	414	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	414	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	414	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	414	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	414	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	414	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	414	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1660	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1660	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	414	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	414	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-102 (0.5-3) SA78027-03	03-273-03E	Soil	29-Apr-08 07:45	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	414	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	414	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	414	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	414	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	414	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	414	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	414	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*65*		*15-110 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.7	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	16.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	16.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	16.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	16.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*61*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.3		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (0.42-2) SA78027-04	03-273-03E	Soil	29-Apr-08 07:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.1	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	23.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	23.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	23.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	23.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	23.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	23.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	23.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	23.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*112*		*30-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.82	1	SW846 6010B	07-May-08	08-May-08	8050562	SA/LR
7440-38-2	Arsenic	3.87		mg/kg dry	1.82	1	"	"	"	"	"
7440-39-3	Barium	194		mg/kg dry	1.21	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.607	1	"	"	"	"	"
7440-47-3	Chromium	17.7		mg/kg dry	1.21	1	"	"	"	"	"
7439-97-6	Mercury	1.39		mg/kg dry	0.0345	1	SW846 7471A	"	08-May-08	8050563	CRM
7439-92-1	Lead	344		mg/kg dry	1.82	1	SW846 6010B	"	08-May-08	8050562	SA/LR
7782-49-2	Selenium	BRL		mg/kg dry	1.82	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	13-May-08	13-May-08	8050956	CMK
7440-39-3	Barium	0.0142		mg/l	0.0100	1	SW846 1312/6010B	14-May-08	15-May-08	8051024	JMN
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	15-May-08	8051025	CRM
7439-92-1	Lead	0.0195		mg/l	0.0150	1	SW846 1312/6010B	"	15-May-08	8051024	JMN
General Chemistry Parameters											
	% Solids	81.3		%		1	SM2540 G Mod.	07-May-08	07-May-08	8050507	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (4-5) SA78027-05	03-273-03E	Soil	29-Apr-08 07:05	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.74 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
67-64-1	Acetone	BRL		µg/kg dry	45.4	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
B-103 (4-5) SA78027-05	03-273-03E	Soil	29-Apr-08 07:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.74 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
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	90.8	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.7	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2270	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	369	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	369	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	369	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	369	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	369	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	369	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	369	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	369	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	369	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	369	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	369	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	369	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (4-5) SA78027-05	03-273-03E	Soil	29-Apr-08 07:05	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	369	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	369	1	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	369	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	369	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	369	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	369	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	369	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	369	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	369	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	369	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	369	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	369	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	369	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	369	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	369	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	369	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	369	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	369	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	369	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	369	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	369	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	369	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	369	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	369	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	369	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	369	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	369	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1480	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1480	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	369	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	369	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (4-5) SA78027-05	03-273-03E	Soil	29-Apr-08 07:05	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	369	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	369	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	369	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	369	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	369	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	369	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	369	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.2	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.9	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	14.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	14.9	1	"	"	"	"	"
	Unidentified	69.6		mg/kg dry	14.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	14.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	69.6		mg/kg dry	14.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	69.6		mg/kg dry	14.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-103 (4-5) SA78027-05	03-273-03E	Soil	29-Apr-08 07:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.35		mg/kg dry	1.52	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	1.52		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	34.4		mg/kg dry	1.01	1	"	"	"	"	"
7440-43-9	Cadmium	0.546		mg/kg dry	0.505	1	"	"	"	"	"
7440-47-3	Chromium	14.7		mg/kg dry	1.01	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0292	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	7.47		mg/kg dry	1.52	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.28		mg/kg dry	1.52	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.3		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (0.5-2) SA78027-06	03-273-03E	Soil	01-May-08 08:05	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10			Initial weight: 7.57 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.7	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	60.8	VOC6	µg/kg dry	46.7	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	9.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	46.7	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	23.3	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	9.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.3	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	9.3	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	9.3	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	46.7	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	46.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	46.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (0.5-2) SA78027-06	03-273-03E	Soil	01-May-08 08:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.57 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	"
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	6.1		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	9.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	46.7	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	46.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	93.4	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.3	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2330	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	404	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	404	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	404	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	404	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	404	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	404	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	404	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	404	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	404	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	404	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	404	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	404	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	404	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	404	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (0.5-2) SA78027-06	03-273-03E	Soil	01-May-08 08:05	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	404	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	404	1	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	404	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	404	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	404	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	404	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	404	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	404	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	404	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	404	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	404	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	404	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	404	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	404	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	404	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	404	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	404	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	404	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	404	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	404	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	404	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	404	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	404	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	404	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	404	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	404	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	404	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	404	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	404	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	404	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	404	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	404	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1610	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1610	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	404	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	404	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (0.5-2) SA78027-06	03-273-03E	Soil	01-May-08 08:05	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	404	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	404	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	404	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	404	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	404	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	404	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	404	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*66*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61*		*15-110 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.3	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	16.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	16.3	1	"	"	"	"	"
	Unidentified	33.6		mg/kg dry	16.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	16.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	33.6		mg/kg dry	16.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	33.6		mg/kg dry	16.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*58*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.50		mg/kg dry	1.59	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.36		mg/kg dry	1.59	1	"	"	"	"	"
7440-39-3	Barium	32.2		mg/kg dry	1.06	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.529	1	"	"	"	"	"
7440-47-3	Chromium	10.7		mg/kg dry	1.06	1	"	"	"	"	"
7439-97-6	Mercury	0.0343		mg/kg dry	0.0325	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	7.81		mg/kg dry	1.59	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.94		mg/kg dry	1.59	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.9		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (2-3) SA78027-07	03-273-03E	Soil	01-May-08 08:15	02-May-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 Soil Extraction	12-May-08	12-May-08	8050888	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.25 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.3	1	SW 846 8260B	13-May-08	13-May-08	8050921	RLJ
67-64-1	Acetone	BRL		µg/kg dry	42.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	42.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	21.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	42.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	42.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	42.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-104 (2-3) SA78027-07	03-273-03E	Soil	01-May-08 08:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 8.25 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.3	1	SW 846 8260B	13-May-08	13-May-08	8050921	RLJ
100-42-5	Styrene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	42.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	42.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	85.5	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	21.4	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2140	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*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.6		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (0.33-2.5) SA78027-08	03-273-03E	Soil	29-Apr-08 12:50	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10			Initial weight: 10.06 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.2	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
67-64-1	Acetone	BRL		µg/kg dry	31.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	31.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	31.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	31.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	31.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.2	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (0.33-2.5) SA78027-08	03-273-03E	Soil	29-Apr-08 12:50	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 10.06 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.2	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
100-42-5	Styrene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	31.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	31.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	63.3	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	15.8	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1580	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1880	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1880	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1880	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1880	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1880	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1880	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1880	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	5,550		µg/kg dry	1880	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	5,500		µg/kg dry	1880	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	5,190		µg/kg dry	1880	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	2,810		µg/kg dry	1880	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	4,340		µg/kg dry	1880	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1880	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1880	5	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (0.33-2.5) SA78027-08	03-273-03E	Soil	29-Apr-08 12:50	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1880	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1880	5	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1880	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1880	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1880	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1880	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1880	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1880	5	"	"	"	"	"
218-01-9	Chrysene	6,530		µg/kg dry	1880	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1880	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1880	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1880	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1880	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1880	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1880	5	"	"	"	"	"
206-44-0	Fluoranthene	8,350		µg/kg dry	1880	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1880	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1880	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1880	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1880	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	2,980		µg/kg dry	1880	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1880	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1880	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1880	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1880	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1880	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1880	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7510	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7510	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1880	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1880	5	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (0.33-2.5) SA78027-08	03-273-03E	Soil	29-Apr-08 12:50	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1880	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1880	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
129-00-0	Pyrene	9,360		µg/kg dry	1880	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1880	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1880	5	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1880	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.1	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	20.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	20.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	20.1	1	"	"	"	"	"
12672-29-6	PCB 1248	75.5		µg/kg dry	20.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	20.1	1	"	"	"	"	"
11096-82-5	PCB 1260	27.2		µg/kg dry	20.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	20.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	20.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	75.6	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	75.6	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	75.6	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	75.6	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	75.6	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	75.6	5	"	"	"	"	"
	Unidentified	1,790		mg/kg dry	75.6	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	75.6	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,790		mg/kg dry	75.6	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,790		mg/kg dry	75.6	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (0.33-2.5) SA78027-08	03-273-03E	Soil	29-Apr-08 12:50	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.84		mg/kg dry	1.56	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	1.74		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	74.1		mg/kg dry	1.04	1	"	"	"	"	"
7440-43-9	Cadmium	0.595		mg/kg dry	0.522	1	"	"	"	"	"
7440-47-3	Chromium	7.08		mg/kg dry	1.04	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0300	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	102		mg/kg dry	1.56	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (4-5.25) SA78027-09	03-273-03E	Soil	29-Apr-08 12:55	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.05 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.8	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
67-64-1	Acetone	BRL		µg/kg dry	37.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	37.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	37.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	37.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.8	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (4-5.25) SA78027-09	03-273-03E	Soil	29-Apr-08 12:55	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.05 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.8	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
100-42-5	Styrene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	37.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	37.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	75.8	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1900	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
	SPLP Extraction	Completed		N/A		1	SW846 1312	12-May-08	12-May-08	8050890	CMK
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	728	5	SW846 8270C	12-May-08	15-May-08	8050792	M.B
208-96-8	Acenaphthylene	3,200		µg/kg dry	728	5	"	"	"	"	"
120-12-7	Anthracene	817		µg/kg dry	728	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	7,010		µg/kg dry	728	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	7,130		µg/kg dry	728	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	6,550		µg/kg dry	728	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	2,550		µg/kg dry	728	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	5,390		µg/kg dry	728	5	"	"	"	"	"
218-01-9	Chrysene	8,110		µg/kg dry	728	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	728	5	"	"	"	"	"
206-44-0	Fluoranthene	8,660		µg/kg dry	728	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	728	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	3,000		µg/kg dry	728	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (4-5.25) SA78027-09	03-273-03E	Soil	29-Apr-08 12:55	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	728	5	SW846 8270C	12-May-08	15-May-08	8050792	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	728	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	728	5	"	"	"	"	"
85-01-8	Phenanthrene	1,720		µg/kg dry	728	5	"	"	"	"	"
129-00-0	Pyrene	12,400		µg/kg dry	728	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.8	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	20.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	20.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	20.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	20.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	20.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	20.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	20.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	20.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	147	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	147	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	147	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	147	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	147	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	147	5	"	"	"	"	"
	Unidentified	1,900		mg/kg dry	147	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	147	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,900		mg/kg dry	147	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,900		mg/kg dry	147	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*78*		*50-150 %*			"	"	"	"	"
SPLP CT ETPH											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	"	14-May-08	15-May-08	8051045	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-105 (4-5.25) SA78027-09	03-273-03E	Soil	29-Apr-08 12:55	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
SPLP CT ETPH											
Prepared by method SW846 3535											
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	+CT ETPH	14-May-08	15-May-08	8051045	SHM
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*64*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.29		mg/kg dry	1.55	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.14		mg/kg dry	1.55	1	"	"	"	"	"
7440-39-3	Barium	57.0		mg/kg dry	1.03	1	"	"	"	"	"
7440-43-9	Cadmium	0.742		mg/kg dry	0.515	1	"	"	"	"	"
7440-47-3	Chromium	9.82		mg/kg dry	1.03	1	"	"	"	"	"
7439-97-6	Mercury	0.0356		mg/kg dry	0.0311	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	78.4		mg/kg dry	1.55	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	BRL		mg/kg dry	1.55	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.3		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (0.5-2.5) SA78027-10	03-273-03E	Soil	01-May-08 09:00	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 12.81 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	2.8	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
67-64-1	Acetone	BRL		µg/kg dry	27.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	2.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	2.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	27.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	13.8	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	2.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	2.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	27.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	27.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	27.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	2.8	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (0.5-2.5) SA78027-10	03-273-03E	Soil	01-May-08 09:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 12.81 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	2.8	1	SW 846 8260B	06-May-08	06-May-08	8050384	RLJ
100-42-5	Styrene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	2.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	2.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	2.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	2.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	27.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	2.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	2.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	2.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	2.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	27.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	55.1	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	13.8	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1380	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	296	2	SW846 8270C	12-May-08	15-May-08	8050792	M.B
208-96-8	Acenaphthylene	1,070		µg/kg dry	296	2	"	"	"	"	"
120-12-7	Anthracene	490		µg/kg dry	296	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	2,010		µg/kg dry	296	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	2,310		µg/kg dry	296	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	2,510		µg/kg dry	296	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,390		µg/kg dry	296	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,170		µg/kg dry	296	2	"	"	"	"	"
218-01-9	Chrysene	2,530		µg/kg dry	296	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	296	2	"	"	"	"	"
206-44-0	Fluoranthene	4,650		µg/kg dry	296	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	296	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,310		µg/kg dry	296	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	296	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (0.5-2.5) SA78027-10	03-273-03E	Soil	01-May-08 09:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	296	2	SW846 8270C	12-May-08	15-May-08	8050792	M.B
91-20-3	Naphthalene	BRL		µg/kg dry	296	2	"	"	"	"	"
85-01-8	Phenanthrene	2,380		µg/kg dry	296	2	"	"	"	"	"
129-00-0	Pyrene	4,670		µg/kg dry	296	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57*		*30-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.2	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.2	1	"	"	"	"	"
	Unidentified	995		mg/kg dry	29.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	29.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	995		mg/kg dry	29.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	995		mg/kg dry	29.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.6		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.71 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.7	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	BRL		µg/kg dry	37.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	37.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	18.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	37.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	37.1	1	"	"	"	"	"
91-20-3	Naphthalene	174	E	µg/kg dry	3.7	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.71 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.7	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
100-42-5	Styrene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	37.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	37.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	74.2	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	18.5	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1850	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	88.9	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
67-64-1	Acetone	BRL		µg/kg dry	889	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	88.9	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	88.9	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	178	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	889	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	445	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	88.9	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5030 Soil (high level)						Initial weight: 23.32 g					
Re-analysis of Volatile Organic Compounds											
108-90-7	Chlorobenzene	BRL		µg/kg dry	88.9	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
75-00-3	Chloroethane	BRL		µg/kg dry	178	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	88.9	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	178	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	178	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	88.9	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	178	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	889	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	88.9	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	889	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	889	100	"	"	"	"	"
91-20-3	Naphthalene	760		µg/kg dry	88.9	100	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	88.9	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	88.9	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	88.9	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 23.32 g						
Re-analysis of Volatile Organic Compounds											
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	88.9	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
75-01-4	Vinyl chloride	BRL		µg/kg dry	88.9	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	178	100	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	88.9	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	889	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	88.9	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	88.9	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	88.9	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	88.9	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	889	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1780	100	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	445	100	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	44500	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
	SPLP Extraction	Completed		N/A		1	SW846 1312	12-May-08	12-May-08	8050890	CMK
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	7830	20	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	9,260		µg/kg dry	7830	20	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	7830	20	"	"	"	"	"
120-12-7	Anthracene	10,200		µg/kg dry	7830	20	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	7830	20	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	7830	20	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	7830	20	"	"	"	"	"
56-55-3	Benzo (a) anthracene	18,800		µg/kg dry	7830	20	"	"	"	"	"
50-32-8	Benzo (a) pyrene	16,400		µg/kg dry	7830	20	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	14,900		µg/kg dry	7830	20	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	7830	20	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	12,900		µg/kg dry	7830	20	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	7830	20	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	7830	20	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	7830	20	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	7830	20	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	7830	20	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	7830	20	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	7830	20	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	7830	20	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	7830	20	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	7830	20	"	"	"	"	"
218-01-9	Chrysene	16,800		µg/kg dry	7830	20	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-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											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	7830	20	SW846 8270C	05-May-08	08-May-08	8050335	M.B
132-64-9	Dibenzofuran	BRL		µg/kg dry	7830	20	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	7830	20	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	7830	20	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	7830	20	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	7830	20	"	"	"	"	"
206-44-0	Fluoranthene	51,400		µg/kg dry	7830	20	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	7830	20	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7830	20	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	7830	20	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	7830	20	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	8,430		µg/kg dry	7830	20	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	7830	20	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	7830	20	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	7830	20	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7830	20	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	7830	20	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	7830	20	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	31300	20	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	31300	20	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	7830	20	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	7830	20	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	7830	20	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
85-01-8	Phenanthrene	52,000		µg/kg dry	7830	20	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
129-00-0	Pyrene	46,500		µg/kg dry	7830	20	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	7830	20	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	7830	20	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	7830	20	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*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
B-106 (4-5) SA78027-11	03-273-03E	Soil	01-May-08 09:10	02-May-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											
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			SW846 8270C	05-May-08	08-May-08	8050335	M.B
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*74*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63*		*15-110 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	158	10	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	158	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	158	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	158	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	158	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	158	10	"	"	"	"	"
	Unidentified	2,760		mg/kg dry	158	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	158	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,760		mg/kg dry	158	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,760		mg/kg dry	158	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95*		*50-150 %*			"	"	"	"	"
SPLP CT ETPH											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	"	14-May-08	15-May-08	8051045	SHM
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*	*66*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.93		mg/kg dry	1.64	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.98		mg/kg dry	1.64	1	"	"	"	"	"
7440-39-3	Barium	78.5		mg/kg dry	1.09	1	"	"	"	"	"
7440-43-9	Cadmium	0.815		mg/kg dry	0.547	1	"	"	"	"	"
7440-47-3	Chromium	14.4		mg/kg dry	1.09	1	"	"	"	"	"
7439-97-6	Mercury	0.0483		mg/kg dry	0.0312	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	96.1		mg/kg dry	1.64	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	1.95		mg/kg dry	1.64	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.0		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (0.25-2) SA78027-12	03-273-03E	Soil	29-Apr-08 13:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.4	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.6	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.6	1	"	"	"	"	"
	Unidentified	91.2		mg/kg dry	29.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	29.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	91.2		mg/kg dry	29.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	91.2		mg/kg dry	29.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*52*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.6		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (2-3) SA78027-13	03-273-03E	Soil	29-Apr-08 13:20	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10, VOC8		Initial weight: 23.9 g						
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	38.8	50	SW 846 8260B	08-May-08	08-May-08	8050614	ADU
67-64-1	Acetone	BRL		µg/kg dry	388	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	38.8	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	38.8	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	77.5	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	388	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	194	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	77.5	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	38.8	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	77.5	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	77.5	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	38.8	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	77.5	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	388	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	388	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	388	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	38.8	50	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (2-3) SA78027-13	03-273-03E	Soil	29-Apr-08 13:20	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10, VOC8			Initial weight: 23.9 g					
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	38.8	50	SW 846 8260B	08-May-08	08-May-08	8050614	ADU
100-42-5	Styrene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	38.8	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	38.8	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	38.8	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	77.5	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	38.8	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	388	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	38.8	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	38.8	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	38.8	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	38.8	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	388	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	775	50	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	194	50	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	19400	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	762	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	762	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	762	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	762	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	762	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	762	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	762	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	762	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	762	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	762	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	762	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	762	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	762	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	762	2	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (2-3) SA78027-13	03-273-03E	Soil	29-Apr-08 13:20	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	762	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	762	2	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	762	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	762	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	762	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	762	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	762	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	762	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	762	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	762	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	762	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	762	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	762	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	762	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	762	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	762	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	762	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	762	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	762	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	762	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	762	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	762	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	762	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	762	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	762	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	762	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	762	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	762	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	762	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	762	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	762	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	762	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3050	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3050	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	762	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	762	2	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (2-3) SA78027-13	03-273-03E	Soil	29-Apr-08 13:20	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	762	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	762	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	762	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	762	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	762	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	762	2	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	762	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.1	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	76.8	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	76.8	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	76.8	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	76.8	5	"	"	"	"	"
M09800000	Motor Oil	7,690		mg/kg dry	76.8	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	76.8	5	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	76.8	5	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	76.8	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	7,690		mg/kg dry	76.8	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	7,690		mg/kg dry	76.8	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (2-3) SA78027-13	03-273-03E	Soil	29-Apr-08 13:20	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.44		mg/kg dry	1.46	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	1.89		mg/kg dry	1.46	1	"	"	"	"	"
7440-39-3	Barium	71.0		mg/kg dry	0.975	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.487	1	"	"	"	"	"
7440-47-3	Chromium	10.0		mg/kg dry	0.975	1	"	"	"	"	"
7439-97-6	Mercury	0.0360		mg/kg dry	0.0295	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	66.9		mg/kg dry	1.46	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	1.68		mg/kg dry	1.46	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-107 (4-6) SA78027-14	03-273-03E	Soil	29-Apr-08 13:25	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.0	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	30.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	30.0	1	"	"	"	"	"
	Unidentified	565		mg/kg dry	30.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	30.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	565		mg/kg dry	30.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	565		mg/kg dry	30.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.2		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (0.75-2.5) SA78027-15	03-273-03E	Soil	29-Apr-08 13:40	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.2	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	27.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	27.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	96.4		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (4-6) SA78027-16	03-273-03E	Soil	29-Apr-08 13:45	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.18 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.2	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
67-64-1	Acetone	BRL		µg/kg dry	31.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	31.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	31.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	31.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	31.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.2	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (4-6) SA78027-16	03-273-03E	Soil	29-Apr-08 13:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.18 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.2	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
100-42-5	Styrene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	31.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	31.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	63.5	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	15.9	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1590	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*125*		*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	27.0	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.0	1	"	"	"	"	"
	Unidentified	221		mg/kg dry	27.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	221		mg/kg dry	27.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	221		mg/kg dry	27.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*59*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (4-6) SA78027-16	03-273-03E	Soil	29-Apr-08 13:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
General Chemistry Parameters											
	% Solids	94.5		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (8-10) SA78027-18	03-273-03E	Soil	29-Apr-08 13:55	02-May-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 Soil Extraction	12-May-08	12-May-08	8050888	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 12.6 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	2.3	1	SW 846 8260B	13-May-08	13-May-08	8050921	RLJ
67-64-1	Acetone	BRL		µg/kg dry	22.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	2.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	2.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	22.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	11.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	2.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	2.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	22.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	22.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	22.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	2.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (8-10) SA78027-18	03-273-03E	Soil	29-Apr-08 13:55	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 12.6 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	2.3	1	SW 846 8260B	13-May-08	13-May-08	8050921	RLJ
100-42-5	Styrene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	2.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	2.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	2.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	2.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	22.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	2.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	2.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	2.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	2.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	22.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	45.7	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	11.4	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1140	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*142*	SGC	*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	27.3	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.3	1	"	"	"	"	"
	Unidentified	162		mg/kg dry	27.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	162		mg/kg dry	27.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	162		mg/kg dry	27.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*61*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (8-10) SA78027-18	03-273-03E	Soil	29-Apr-08 13:55	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
General Chemistry Parameters											
	% Solids	95.9		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (10-11) SA78027-19	03-273-03E	Soil	29-Apr-08 14:00	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.79 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.1	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	BRL		µg/kg dry	41.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	5.2		µg/kg dry	4.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	12.3		µg/kg dry	4.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	27.1		µg/kg dry	4.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	41.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	41.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.1	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (10-11) SA78027-19	03-273-03E	Soil	29-Apr-08 14:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 8.79 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.1	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
100-42-5	Styrene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	41.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	41.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	82.1	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.5	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2050	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	826	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	826	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	826	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	826	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	826	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	826	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	826	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	826	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	826	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	826	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	826	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	826	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	826	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	826	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (10-11)	03-273-03E	Soil	29-Apr-08 14:00	02-May-08
SA78027-19				

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 3550B											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	826	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	826	2	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	826	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	826	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	826	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	826	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	826	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	826	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	826	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	826	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	826	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	826	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	826	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	826	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	826	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	826	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	826	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	826	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	826	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	826	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	826	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	826	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	826	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	826	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	826	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	826	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	826	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	826	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	826	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	826	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	826	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	826	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3310	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3310	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	826	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	826	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (10-11) SA78027-19	03-273-03E	Soil	29-Apr-08 14:00	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	826	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	826	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	826	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	826	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	826	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	826	2	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	826	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*74*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*76*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*82*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*76*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.7	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	83.3	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	83.3	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	83.3	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	83.3	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	83.3	5	"	"	"	"	"
J00100000	Aviation Fuel	Calculated as		mg/kg dry	83.3	5	"	"	"	"	"
	Unidentified	1,100		mg/kg dry	83.3	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	83.3	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,100		mg/kg dry	83.3	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,100		mg/kg dry	83.3	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (10-11) SA78027-19	03-273-03E	Soil	29-Apr-08 14:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.98		mg/kg dry	1.65	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.64		mg/kg dry	1.65	1	"	"	"	"	"
7440-39-3	Barium	69.3		mg/kg dry	1.10	1	"	"	"	"	"
7440-43-9	Cadmium	0.896		mg/kg dry	0.550	1	"	"	"	"	"
7440-47-3	Chromium	14.3		mg/kg dry	1.10	1	"	"	"	"	"
7439-97-6	Mercury	0.0398		mg/kg dry	0.0304	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	49.1		mg/kg dry	1.65	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.16		mg/kg dry	1.65	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.1		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (12-13.5) SA78027-20	03-273-03E	Soil	29-Apr-08 14:05	02-May-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 Soil Extraction	12-May-08	12-May-08	8050888	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 24.94 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	36.1	50	SW 846 8260B	13-May-08	13-May-08	8050924	ADU
67-64-1	Acetone	BRL		µg/kg dry	361	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	36.1	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	36.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	361	50	"	"	"	"	"
104-51-8	n-Butylbenzene	292		µg/kg dry	36.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	169		µg/kg dry	36.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	180	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	36.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	36.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	163		µg/kg dry	36.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	118		µg/kg dry	36.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	361	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	222		µg/kg dry	36.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	361	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	361	50	"	"	"	"	"
91-20-3	Naphthalene	276		µg/kg dry	36.1	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (12-13.5) SA78027-20	03-273-03E	Soil	29-Apr-08 14:05	02-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 24.94 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	36.1	50	SW 846 8260B	13-May-08	13-May-08	8050924	ADU
100-42-5	Styrene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	36.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	36.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	746		µg/kg dry	36.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	276		µg/kg dry	36.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	36.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	36.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	361	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	36.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	36.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	36.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	36.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	361	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	721	50	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	180	50	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	18000	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*108*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.2	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.2	1	"	"	"	"	"
J00100000	Aviation Fuel	Calculated as		mg/kg dry	28.2	1	"	"	"	"	"
	Unidentified	280		mg/kg dry	28.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	28.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	280		mg/kg dry	28.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	280		mg/kg dry	28.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-108 (12-13.5) SA78027-20	03-273-03E	Soil	29-Apr-08 14:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
General Chemistry Parameters											
	% Solids	93.0		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (0.5-2) SA78027-21	03-273-03E	Soil	01-May-08 09:30	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	56.5	2	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	56.5	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	56.5	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	56.5	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	56.5	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	56.5	2	"	"	"	"	"
	Unidentified	2,060		mg/kg dry	56.5	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	56.5	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,060		mg/kg dry	56.5	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,060		mg/kg dry	56.5	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.6		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (2-3) SA78027-22	03-273-03E	Soil	01-May-08 09:35	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.39 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	BRL		µg/kg dry	44.8	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	9.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	44.8	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	22.4	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	9.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.0	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	9.0	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	9.0	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	44.8	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	44.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	44.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (2-3) SA78027-22	03-273-03E	Soil	01-May-08 09:35	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.39 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
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	9.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	44.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	44.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	89.6	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.4	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	157	1	SW846 8270C	12-May-08	13-May-08	8050792	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	157	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	157	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	157	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	157	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	157	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (2-3) SA78027-22	03-273-03E	Soil	01-May-08 09:35	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	157	1	SW846 8270C	12-May-08	13-May-08	8050792	M.B
91-20-3	Naphthalene	BRL		µg/kg dry	157	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	157	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.8	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	32.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	32.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	32.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.8		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (6-8) SA78027-24	03-273-03E	Soil	01-May-08 09:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
PAHs by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	147	1	SW846 8270C	12-May-08	13-May-08	8050792	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	147	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	147	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	147	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	147	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	147	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	147	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	147	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	147	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	147	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	147	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	147	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*46*		*30-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.4	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	29.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	29.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.1		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10) SA78027-25	03-273-03E	Soil	01-May-08 09:50	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10			Initial weight: 8.06 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.1	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
67-64-1	Acetone	BRL		µg/kg dry	40.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	40.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	40.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	40.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	40.6	1	"	"	"	"	"
91-20-3	Naphthalene	577	E	µg/kg dry	4.1	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10) SA78027-25	03-273-03E	Soil	01-May-08 09:50	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.06 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.1	1	SW 846 8260B	05-May-08	05-May-08	8050304	JLD
100-42-5	Styrene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	8.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	40.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	40.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	81.2	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.3	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2030	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	86.6	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
67-64-1	Acetone	BRL		µg/kg dry	866	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	86.6	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	86.6	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	173	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	866	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	433	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	86.6	100	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10) SA78027-25	03-273-03E	Soil	01-May-08 09:50	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5030 Soil (high level)						Initial weight: 22.44 g					
Re-analysis of Volatile Organic Compounds											
108-90-7	Chlorobenzene	BRL		µg/kg dry	86.6	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
75-00-3	Chloroethane	BRL		µg/kg dry	173	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	86.6	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	173	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	173	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	86.6	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	173	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	866	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	86.6	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	866	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	866	100	"	"	"	"	"
91-20-3	Naphthalene	4,630		µg/kg dry	86.6	100	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	86.6	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	86.6	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	86.6	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10) SA78027-25	03-273-03E	Soil	01-May-08 09:50	02-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 22.44 g						
Re-analysis of Volatile Organic Compounds											
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	86.6	100	SW 846 8260B	07-May-08	08-May-08	8050541	mp
75-01-4	Vinyl chloride	BRL		µg/kg dry	86.6	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	173	100	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	86.6	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	866	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	86.6	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	86.6	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	86.6	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	86.6	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	866	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1730	100	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	433	100	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	43300	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	771	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	771	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	771	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	771	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	771	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	771	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	771	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	771	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	795		µg/kg dry	771	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,180		µg/kg dry	771	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	771	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	968		µg/kg dry	771	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	771	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	771	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	771	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	771	2	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	771	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	771	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	771	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	771	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	771	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	771	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	771	2	"	"	"	"	"
218-01-9	Chrysene	798		µg/kg dry	771	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	771	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10)	03-273-03E	Soil	01-May-08 09:50	02-May-08
SA78027-25				

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											
132-64-9	Dibenzofuran	BRL		µg/kg dry	771	2	SW846 8270C	05-May-08	08-May-08	8050335	M.B
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	771	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	771	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	771	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	771	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	771	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	771	2	"	"	"	"	"
206-44-0	Fluoranthene	834		µg/kg dry	771	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	771	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	771	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	771	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	771	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	771	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	771	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	771	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	771	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	771	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	771	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	771	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	771	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	771	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3080	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3080	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	771	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	771	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	771	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	771	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	771	2	"	"	"	"	"
129-00-0	Pyrene	1,980		µg/kg dry	771	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	771	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	771	2	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	771	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-109 (8-10)	03-273-03E	Soil	01-May-08 09:50	02-May-08
SA78027-25				

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											
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			SW846 8270C	05-May-08	08-May-08	8050335	M.B
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.2	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	22.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	22.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	22.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	22.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	22.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	22.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	22.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	22.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*57*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	77.7	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	77.7	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	77.7	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	77.7	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	77.7	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	77.7	5	"	"	"	"	"
	Unidentified	1,180		mg/kg dry	77.7	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	77.7	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,180		mg/kg dry	77.7	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,180		mg/kg dry	77.7	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*61*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.80		mg/kg dry	1.47	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	1.87		mg/kg dry	1.47	1	"	"	"	"	"
7440-39-3	Barium	76.4		mg/kg dry	0.983	1	"	"	"	"	"
7440-43-9	Cadmium	0.565		mg/kg dry	0.492	1	"	"	"	"	"
7440-47-3	Chromium	16.7		mg/kg dry	0.983	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0317	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	9.98		mg/kg dry	1.47	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.19		mg/kg dry	1.47	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.4		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (0.25-2) SA78027-27	03-273-03E	Soil	29-Apr-08 14:06	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.63 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.3	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
67-64-1	Acetone	BRL		µg/kg dry	33.4	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	33.4	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	16.7	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	33.4	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	33.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	33.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.3	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (0.25-2) SA78027-27	03-273-03E	Soil	29-Apr-08 14:06	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 8.63 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.3	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	"
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	33.4	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	33.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	66.9	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.7	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1670	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1830	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1830	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1830	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1830	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1830	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1830	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1830	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1830	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1830	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1830	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1830	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1830	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1830	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1830	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (0.25-2) SA78027-27	03-273-03E	Soil	29-Apr-08 14:06	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1830	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1830	5	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1830	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1830	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1830	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1830	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1830	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1830	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1830	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1830	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1830	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1830	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1830	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1830	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1830	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	1830	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1830	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1830	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1830	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1830	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1830	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1830	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1830	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1830	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1830	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1830	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1830	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7300	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7300	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1830	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1830	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (0.25-2) SA78027-27	03-273-03E	Soil	29-Apr-08 14:06	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1830	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1830	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	1830	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1830	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1830	5	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1830	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*119*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*129*	S06	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*128*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*143*	S06	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*108*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*131*	S06	*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.4	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	20.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	20.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	20.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	20.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	73.6	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	73.6	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	73.6	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	73.6	5	"	"	"	"	"
M09800000	Motor Oil	5,080		mg/kg dry	73.6	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	73.6	5	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	73.6	5	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	73.6	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	5,080		mg/kg dry	73.6	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	5,080		mg/kg dry	73.6	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (0.25-2) SA78027-27	03-273-03E	Soil	29-Apr-08 14:06	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.22		mg/kg dry	1.56	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	1.59		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	83.5		mg/kg dry	1.04	1	"	"	"	"	"
7440-43-9	Cadmium	0.818		mg/kg dry	0.521	1	"	"	"	"	"
7440-47-3	Chromium	8.21		mg/kg dry	1.04	1	"	"	"	"	"
7439-97-6	Mercury	0.0881		mg/kg dry	0.0301	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	175		mg/kg dry	1.56	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.6		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (2-3) SA78027-28	03-273-03E	Soil	29-Apr-08 14:10	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	59.6	2	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	59.6	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	59.6	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	59.6	2	"	"	"	"	"
M09800000	Motor Oil	2,520		mg/kg dry	59.6	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	59.6	2	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	59.6	2	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	59.6	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,520		mg/kg dry	59.6	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,520		mg/kg dry	59.6	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.1		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-110 (4-6) SA78027-29	03-273-03E	Soil	29-Apr-08 14:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.4	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	32.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	32.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	32.4	1	"	"	"	"	"
	Unidentified	226		mg/kg dry	32.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	32.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	226		mg/kg dry	32.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	226		mg/kg dry	32.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*68*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.0		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (2-3.5) SA78027-30	03-273-03E	Soil	29-Apr-08 11:45	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.93 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.5	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
67-64-1	Acetone	BRL		µg/kg dry	35.4	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	35.4	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	35.4	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	35.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	35.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (2-3.5) SA78027-30	03-273-03E	Soil	29-Apr-08 11:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.93 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.5	1	SW 846 8260B	06-May-08	07-May-08	8050495	RLJ
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.5	1	"	"	"	"	"
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	35.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	35.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	70.7	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	17.7	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1770	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*138*	SGC	*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	3730	10	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	3730	10	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	3730	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	3730	10	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	3730	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3730	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	3730	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	3730	10	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	3730	10	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	3730	10	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	3730	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	3730	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	3730	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3730	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (2-3.5) SA78027-30	03-273-03E	Soil	29-Apr-08 11:45	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3730	10	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3730	10	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3730	10	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3730	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	3730	10	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3730	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3730	10	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3730	10	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	3730	10	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3730	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	3730	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	3730	10	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3730	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3730	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3730	10	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	3730	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	3730	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3730	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3730	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	3730	10	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	3730	10	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3730	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	3730	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3730	10	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3730	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3730	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3730	10	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	14900	10	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	14900	10	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3730	10	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3730	10	"	"	"	"	"

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
B-111 (2-3.5) SA78027-30	03-273-03E	Soil	29-Apr-08 11:45	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3730	10	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	3730	10	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	3730	10	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	3730	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3730	10	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3730	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*26*	S06	*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*28*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*24*	S06	*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*29*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*26*	S06	*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*26*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.7	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	150	10	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	150	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	150	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	150	10	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	150	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	150	10	"	"	"	"	"
	Unidentified	4,540		mg/kg dry	150	10	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	150	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	4,540		mg/kg dry	150	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	4,540		mg/kg dry	150	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*42*	S01	*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (2-3.5) SA78027-30	03-273-03E	Soil	29-Apr-08 11:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.16		mg/kg dry	1.57	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	3.25		mg/kg dry	1.57	1	"	"	"	"	"
7440-39-3	Barium	110		mg/kg dry	1.05	1	"	"	"	"	"
7440-43-9	Cadmium	1.39		mg/kg dry	0.523	1	"	"	"	"	"
7440-47-3	Chromium	17.2		mg/kg dry	1.05	1	"	"	"	"	"
7439-97-6	Mercury	0.0937		mg/kg dry	0.0291	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	177		mg/kg dry	1.57	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.66		mg/kg dry	1.57	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	13-May-08	13-May-08	8050956	CMK
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	14-May-08	15-May-08	8051024	JMN
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.4		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (0.63-2) SA78027-31	03-273-03E	Soil	29-Apr-08 11:40	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	135	5	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	135	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	135	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	135	5	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	135	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	135	5	"	"	"	"	"
	Unidentified	7,210		mg/kg dry	135	5	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	135	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	7,210		mg/kg dry	135	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	7,210		mg/kg dry	135	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	534		mg/kg dry	1.54	1	SW846 6010B	12-May-08	14-May-08	8050852	SA
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	19-May-08	19-May-08	8051383	CMK
7439-92-1	Lead	1.31		mg/l	0.0075	1	SW846 1311/6010B	20-May-08	21-May-08	8051467	JMN
General Chemistry Parameters											
	% Solids	93.7		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-111 (4-5.5) SA78027-32	03-273-03E	Soil	29-Apr-08 11:50	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.8	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.8	1	"	"	"	"	"
	Unidentified	110		mg/kg dry	28.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	28.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	110		mg/kg dry	28.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	110		mg/kg dry	28.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (0.42-2) SA78027-33	03-273-03E	Soil	29-Apr-08 10:15	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10			Initial weight: 7.15 g					
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.6	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
67-64-1	Acetone	BRL		µg/kg dry	45.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	45.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	45.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	45.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (0.42-2) SA78027-33	03-273-03E	Soil	29-Apr-08 10:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.15 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.6	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
100-42-5	Styrene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	45.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	91.9	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	2300	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	990	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	990	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	990	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	990	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	990	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	990	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	990	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	990	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	990	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	990	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	990	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	990	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	990	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	990	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (0.42-2) SA78027-33	03-273-03E	Soil	29-Apr-08 10:15	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	990	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	990	5	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	990	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	990	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	990	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	990	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	990	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	990	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	990	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	990	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	990	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	990	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	990	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	990	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	990	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	990	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	990	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	990	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	990	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	990	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	990	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	990	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	990	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	990	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	990	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	990	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	990	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	990	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	990	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	990	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	990	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	990	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3960	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3960	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	990	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	990	5	"	"	"	"	"

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
B-112 (0.42-2) SA78027-33	03-273-03E	Soil	29-Apr-08 10:15	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	990	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	990	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	990	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	990	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	990	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	990	5	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	990	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*47*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.5	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	22.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	22.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	22.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	22.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	22.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	22.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	22.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	22.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	79.8	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	79.8	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	79.8	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	79.8	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	79.8	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	79.8	5	"	"	"	"	"
	Unidentified	541		mg/kg dry	79.8	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	79.8	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	541		mg/kg dry	79.8	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	541		mg/kg dry	79.8	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (0.42-2) SA78027-33	03-273-03E	Soil	29-Apr-08 10:15	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.31		mg/kg dry	1.50	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.34		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	67.5		mg/kg dry	0.998	1	"	"	"	"	"
7440-43-9	Cadmium	0.614		mg/kg dry	0.499	1	"	"	"	"	"
7440-47-3	Chromium	14.4		mg/kg dry	0.998	1	"	"	"	"	"
7439-97-6	Mercury	0.0781		mg/kg dry	0.0323	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	69.4		mg/kg dry	1.50	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	2.62		mg/kg dry	1.50	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (2-3) SA78027-34	03-273-03E	Soil	29-Apr-08 10:20	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.8	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.8	1	"	"	"	"	"
	Unidentified	42.5		mg/kg dry	28.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	28.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	42.5		mg/kg dry	28.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	42.5		mg/kg dry	28.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*59*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.8		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-112 (8-10) SA78027-36	03-273-03E	Soil	29-Apr-08 10:35	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 12.64 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.6	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
67-64-1	Acetone	BRL		µg/kg dry	36.5	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	36.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	18.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	36.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	36.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	36.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.6	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
B-112 (8-10) SA78027-36	03-273-03E	Soil	29-Apr-08 10:35	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 12.64 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.6	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
100-42-5	Styrene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	36.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	36.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	72.9	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	18.2	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1820	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (0.58-1.5) SA78027-38	03-273-03E	Soil	29-Apr-08 11:05	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.3	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.7	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.7	1	"	"	"	"	"
	Unidentified	408		mg/kg dry	27.7	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	408		mg/kg dry	27.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	408		mg/kg dry	27.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*52*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	93.3		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (4.-6)	03-273-03E	Soil	29-Apr-08 11:10	02-May-08
SA78027-39				

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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 10.31 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.0	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
67-64-1	Acetone	BRL		µg/kg dry	30.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	3.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	30.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	3.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	30.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	30.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	30.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (4.-6) SA78027-39	03-273-03E	Soil	29-Apr-08 11:10	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 10.31 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.0	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
100-42-5	Styrene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	17.2		µg/kg dry	3.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	3.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	30.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	30.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	60.2	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	15.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
	SPLP Extraction	Completed		N/A		1	SW846 1312	12-May-08	12-May-08	8050890	CMK
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1870	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1870	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1870	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1870	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1870	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1870	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1870	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1870	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1870	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1870	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1870	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1870	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1870	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (4.-6) SA78027-39	03-273-03E	Soil	29-Apr-08 11:10	02-May-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											
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1870	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1870	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1870	5	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1870	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1870	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1870	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1870	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1870	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1870	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1870	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1870	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1870	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1870	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1870	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1870	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1870	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	1870	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1870	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1870	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1870	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1870	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1870	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1870	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1870	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1870	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1870	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1870	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1870	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7470	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7470	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1870	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (4.-6)	03-273-03E	Soil	29-Apr-08 11:10	02-May-08
SA78027-39				

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											
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1870	5	SW846 8270C	05-May-08	08-May-08	8050335	M.B
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1870	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1870	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	1870	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1870	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1870	5	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1870	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*118*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*130*	S06	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*120*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*140*	S06	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*124*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*118*	S06	*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.5	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.5	1	"	"	"	"	"
11096-82-5	PCB 1260	34.3		µg/kg dry	21.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	75.3	5	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	75.3	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	75.3	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	75.3	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	75.3	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	75.3	5	"	"	"	"	"
	Unidentified	1,080		mg/kg dry	75.3	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	75.3	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,080		mg/kg dry	75.3	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,080		mg/kg dry	75.3	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92*		*50-150 %*			"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (4.-6)	03-273-03E	Soil	29-Apr-08 11:10	02-May-08
SA78027-39				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
SPLP CT ETPH											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	14-May-08	15-May-08	8051045	SHM
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*	*63*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	3.06		mg/kg dry	1.43	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.54		mg/kg dry	1.43	1	"	"	"	"	"
7440-39-3	Barium	94.9		mg/kg dry	0.954	1	"	"	"	"	"
7440-43-9	Cadmium	1.08		mg/kg dry	0.477	1	"	"	"	"	"
7440-47-3	Chromium	11.4		mg/kg dry	0.954	1	"	"	"	"	"
7439-97-6	Mercury	0.0897		mg/kg dry	0.0292	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	69.2		mg/kg dry	1.43	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	1.49		mg/kg dry	1.43	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.7		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (6-8) SA78027-40	03-273-03E	Soil	29-Apr-08 11:15	02-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.4	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	20.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	20.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	20.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	20.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.1	1	+CT ETPH	12-May-08	14-May-08	8050840	SHM
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (8-10) SA78027-41	03-273-03E	Soil	29-Apr-08 11:20	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 14.09 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	2.5	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
67-64-1	Acetone	BRL		µg/kg dry	25.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	2.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	2.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	25.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	2.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	2.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	5.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	25.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	25.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	25.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	2.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-113 (8-10)	03-273-03E	Soil	29-Apr-08 11:20	02-May-08
SA78027-41				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 14.09 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	2.5	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
100-42-5	Styrene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	2.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	2.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	2.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	2.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	25.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	2.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	2.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	2.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	2.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	25.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	50.3	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	12.6	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1260	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	03-May-08	03-May-08	8050238	DG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (0.42-2.5) SA78027-42	03-273-03E	Soil	29-Apr-08 10:40	02-May-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 Soil Extraction	02-May-08	02-May-08	8050233	DBM
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 10.37 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	2.9	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
67-64-1	Acetone	BRL		µg/kg dry	28.5	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	2.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	2.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	28.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	14.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	2.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	2.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	28.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	28.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	28.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	2.9	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (0.42-2.5) SA78027-42	03-273-03E	Soil	29-Apr-08 10:40	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 10.37 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	2.9	1	SW 846 8260B	05-May-08	06-May-08	8050319	JLD
100-42-5	Styrene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	2.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	2.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	2.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	2.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	28.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	2.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	2.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	2.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	2.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	28.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	57.1	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	14.3	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg dry	1430	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*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (0.42-2.5) SA78027-42	03-273-03E	Soil	29-Apr-08 10:40	02-May-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											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	376	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (0.42-2.5) SA78027-42	03-273-03E	Soil	29-Apr-08 10:40	02-May-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											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	05-May-08	08-May-08	8050335	M.B
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	376	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*61*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.1	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	21.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*116*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	"
	Unidentified	50.2		mg/kg dry	15.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	50.2		mg/kg dry	15.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	50.2		mg/kg dry	15.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*61*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (0.42-2.5) SA78027-42	03-273-03E	Soil	29-Apr-08 10:40	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.61		mg/kg dry	1.44	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.28		mg/kg dry	1.44	1	"	"	"	"	"
7440-39-3	Barium	66.0		mg/kg dry	0.958	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.479	1	"	"	"	"	"
7440-47-3	Chromium	10.8		mg/kg dry	0.958	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0286	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	36.4		mg/kg dry	1.44	1	SW846 6010B	"	07-May-08	8050290	JMN
7782-49-2	Selenium	1.91		mg/kg dry	1.44	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.4		%		1	SM2540 G Mod.	05-May-08	05-May-08	8050278	DN

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-114 (4-6) SA78027-43	03-273-03E	Soil	29-Apr-08 10:45	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.4	1	SW846 8082	12-May-08	13-May-08	8050790	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	20.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	20.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	20.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	20.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	20.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.5		%		1	SM2540 G Mod.	13-May-08	13-May-08	8050965	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA78027-44	03-273-03E	Methanol/Deionized Water	01-May-08 00:00	02-May-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)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	50.0	50	SW 846 8260B	08-May-08	08-May-08	8050614	ADU
67-64-1	Acetone	BRL		µg/kg wet	500	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg wet	50.0	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg wet	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg wet	100	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	500	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg wet	250	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg wet	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg wet	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg wet	100	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	50.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	500	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	500	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg wet	500	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA78027-44	03-273-03E	Methanol/Deionized Water	01-May-08 00:00	02-May-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)											
100-42-5	Styrene	BRL		µg/kg wet	50.0	50	SW 846 8260B	08-May-08	08-May-08	8050614	ADU
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	50.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	50.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg wet	50.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg wet	100	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg wet	50.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	500	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	50.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	500	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg wet	1000	50	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	250	50	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/kg wet	25000	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate-1 SA78027-45	03-273-03E	Soil	29-Apr-08 00:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.4	1	+CT ETPH	05-May-08	06-May-08	8050334	MH
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	31.4	1	"	"	"	"	"
J00100000	Aviation Fuel	Calculated as		mg/kg dry	31.4	1	"	"	"	"	"
	Unidentified	688		mg/kg dry	31.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	31.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	688		mg/kg dry	31.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	688		mg/kg dry	31.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*55*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	5.69		mg/kg dry	1.62	1	SW846 6010B	06-May-08	07-May-08	8050290	JMN
7440-38-2	Arsenic	2.84		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	70.1		mg/kg dry	1.08	1	"	"	"	"	"
7440-43-9	Cadmium	0.785		mg/kg dry	0.541	1	"	"	"	"	"
7440-47-3	Chromium	12.7		mg/kg dry	1.08	1	"	"	"	"	"
7439-97-6	Mercury	0.0353		mg/kg dry	0.0321	1	SW846 7471A	"	07-May-08	8050291	CRM
7439-92-1	Lead	52.9		mg/kg dry	1.62	1	SW846 6010B	"	07-May-08	8050290	JMN
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	13-May-08	13-May-08	8050956	CMK
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	14-May-08	15-May-08	8051024	JMN
General Chemistry Parameters											
	% Solids	82.6		%		1	SM2540 G Mod.	05-May-08	05-May-08	8050277	DN

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate-2 SA78027-46	03-273-03E	Soil	29-Apr-08 00:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
	SPLP Extraction	Completed		N/A		1	SW846 1312	12-May-08	12-May-08	8050890	CMK
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	3850	10	SW846 8270C	05-May-08	08-May-08	8050335	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	3850	10	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	3850	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	3850	10	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	3850	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3850	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	3850	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	10,100		µg/kg dry	3850	10	"	"	"	"	"
50-32-8	Benzo (a) pyrene	10,100		µg/kg dry	3850	10	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	9,110		µg/kg dry	3850	10	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	4,700		µg/kg dry	3850	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	9,150		µg/kg dry	3850	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	3850	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3850	10	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3850	10	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3850	10	"	"	"	"	"
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3850	10	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3850	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	3850	10	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3850	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3850	10	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3850	10	"	"	"	"	"
218-01-9	Chrysene	11,500		µg/kg dry	3850	10	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3850	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	3850	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	3850	10	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3850	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3850	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3850	10	"	"	"	"	"
206-44-0	Fluoranthene	14,200		µg/kg dry	3850	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	3850	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3850	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3850	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	3850	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate-2 SA78027-46	03-273-03E	Soil	29-Apr-08 00:00	02-May-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											
193-39-5	Indeno (1,2,3-cd) pyrene	5,110		µg/kg dry	3850	10	SW846 8270C	05-May-08	08-May-08	8050335	M.B
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3850	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	3850	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3850	10	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3850	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3850	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3850	10	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	15400	10	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	15400	10	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3850	10	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3850	10	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3850	10	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	3850	10	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
129-00-0	Pyrene	18,600		µg/kg dry	3850	10	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	3850	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3850	10	"	"	"	"	"
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3850	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*97*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*96*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*94*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*99*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*80*		*15-110 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.3	1	SW846 8082	05-May-08	07-May-08	8050336	IMR
11104-28-2	PCB 1221	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	21.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	21.3	1	"	"	"	"	"
12672-29-6	PCB 1248	78.8		µg/kg dry	21.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11096-82-5	PCB 1260	38.6		µg/kg dry	21.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	21.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	21.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	"

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
Duplicate-2 SA78027-46	03-273-03E	Soil	29-Apr-08 00:00	02-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
SPLP Polychlorinated Biphenyls by SW846 1312/8082											
Prepared by method SW846 3535											
12674-11-2	PCB 1016	BRL		µg/l	0.200	1	SW846 1312/8082	14-May-08	15-May-08	8051046	IMR
11104-28-2	PCB 1221	BRL		µg/l	0.200	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.200	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.200	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.200	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.200	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.200	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.200	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.200	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.3		%		1	SM2540 G Mod.	05-May-08	05-May-08	8050277	DN

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
Blank (8050304-BLK1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
Blank (8050304-BLK1)										
Prepared & Analyzed: 05-May-08										
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2500						
Surrogate: 4-Bromofluorobenzene	*BRL*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.0*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (8050304-BS1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.5	QC2	µg/kg wet		20.0		137	70-130		
Acetone	3.9	QC2	µg/kg wet		20.0		20	24.9-167		
Acrylonitrile	21.8		µg/kg wet		20.0		109	70-130		
Benzene	22.0		µg/kg wet		20.0		110	70-130		
Bromobenzene	22.4		µg/kg wet		20.0		112	70-130		
Bromochloromethane	22.2		µg/kg wet		20.0		111	70-130		
Bromodichloromethane	21.9		µg/kg wet		20.0		110	70-130		
Bromoform	18.1		µg/kg wet		20.0		90	70-130		
Bromomethane	20.9		µg/kg wet		20.0		104	57.4-139		
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94	46.9-141		
n-Butylbenzene	23.8		µg/kg wet		20.0		119	70-130		
sec-Butylbenzene	25.3		µg/kg wet		20.0		126	70-130		
tert-Butylbenzene	24.5		µg/kg wet		20.0		123	70-130		
Carbon disulfide	25.9		µg/kg wet		20.0		130	70-130		
Carbon tetrachloride	18.2		µg/kg wet		20.0		91	70-130		
Chlorobenzene	22.3		µg/kg wet		20.0		111	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
LCS (8050304-BS1)										
Prepared & Analyzed: 05-May-08										
Chloroethane	22.2		µg/kg wet		20.0		111	60.5-131		
Chloroform	21.2		µg/kg wet		20.0		106	70-130		
Chloromethane	22.4		µg/kg wet		20.0		112	70-130		
2-Chlorotoluene	23.2		µg/kg wet		20.0		116	70-130		
4-Chlorotoluene	23.3		µg/kg wet		20.0		116	70-130		
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		95	70-130		
Dibromochloromethane	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
1,3-Dichlorobenzene	23.3		µg/kg wet		20.0		117	70-130		
1,4-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130		
Dichlorodifluoromethane (Freon12)	22.2		µg/kg wet		20.0		111	47.2-175		
1,1-Dichloroethane	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dichloroethane	21.3		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	22.7		µg/kg wet		20.0		113	70-130		
cis-1,2-Dichloroethene	22.1		µg/kg wet		20.0		110	70-130		
trans-1,2-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130		
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	24.2		µg/kg wet		20.0		121	70-130		
cis-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
Ethylbenzene	23.7		µg/kg wet		20.0		118	70-130		
Hexachlorobutadiene	23.0		µg/kg wet		20.0		115	62.4-142		
2-Hexanone (MBK)	18.5		µg/kg wet		20.0		93	70-130		
Isopropylbenzene	22.8		µg/kg wet		20.0		114	70-130		
4-Isopropyltoluene	25.7		µg/kg wet		20.0		129	70-130		
Methyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/kg wet		20.0		99	70-135		
Methylene chloride	20.9		µg/kg wet		20.0		105	70-130		
Naphthalene	22.8		µg/kg wet		20.0		114	70-130		
n-Propylbenzene	24.2		µg/kg wet		20.0		121	70-130		
Styrene	23.2		µg/kg wet		20.0		116	70-130		
1,1,1,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	24.4		µg/kg wet		20.0		122	70-130		
Toluene	22.4		µg/kg wet		20.0		112	70-130		
1,2,3-Trichlorobenzene	23.2		µg/kg wet		20.0		116	70-130		
1,2,4-Trichlorobenzene	23.4		µg/kg wet		20.0		117	70-130		
1,3,5-Trichlorobenzene	23.3		µg/kg wet		20.0		117	70-130		
1,1,1-Trichloroethane	21.9		µg/kg wet		20.0		110	70-130		
1,1,2-Trichloroethane	21.9		µg/kg wet		20.0		109	70-130		
Trichloroethene	22.5		µg/kg wet		20.0		112	70-130		
Trichlorofluoromethane (Freon 11)	25.5		µg/kg wet		20.0		127	70-136		
1,2,3-Trichloropropane	24.2		µg/kg wet		20.0		121	70-130		
1,2,4-Trimethylbenzene	24.2		µg/kg wet		20.0		121	70-130		
1,3,5-Trimethylbenzene	24.2		µg/kg wet		20.0		121	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
LCS (8050304-BS1)										
Prepared & Analyzed: 05-May-08										
Vinyl chloride	27.5	QC1	µg/kg wet		20.0		138	70-130		
m,p-Xylene	48.8		µg/kg wet		40.0		122	70-130		
o-Xylene	24.1		µg/kg wet		20.0		120	70-130		
Tetrahydrofuran	21.4		µg/kg wet		20.0		107	70-130		
Ethyl ether	21.5		µg/kg wet		20.0		108	70-130		
Tert-amyl methyl ether	20.6		µg/kg wet		20.0		103	70-130		
Ethyl tert-butyl ether	21.7		µg/kg wet		20.0		109	70-130		
Di-isopropyl ether	21.6		µg/kg wet		20.0		108	70-130		
Tert-Butanol / butyl alcohol	223		µg/kg wet		200		112	70-130		
1,4-Dioxane	242		µg/kg wet		200		121	42.2-144		
trans-1,4-Dichloro-2-butene	19.9		µg/kg wet		20.0		99	70-130		
Ethanol	467		µg/kg wet		400		117	70-130		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
LCS Dup (8050304-BSD1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.8	QC2	µg/kg wet		20.0		139	70-130	1	25
Acetone	1.6	QC2	µg/kg wet		20.0		8	24.9-167	83	50
Acrylonitrile	23.2		µg/kg wet		20.0		116	70-130	6	25
Benzene	22.1		µg/kg wet		20.0		111	70-130	0.4	25
Bromobenzene	22.1		µg/kg wet		20.0		111	70-130	1	25
Bromochloromethane	22.8		µg/kg wet		20.0		114	70-130	3	25
Bromodichloromethane	22.2		µg/kg wet		20.0		111	70-130	1	25
Bromoform	18.2		µg/kg wet		20.0		91	70-130	0.7	25
Bromomethane	21.1		µg/kg wet		20.0		106	57.4-139	1	50
2-Butanone (MEK)	19.4		µg/kg wet		20.0		97	46.9-141	3	50
n-Butylbenzene	23.2		µg/kg wet		20.0		116	70-130	3	25
sec-Butylbenzene	24.3		µg/kg wet		20.0		121	70-130	4	25
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130	4	25
Carbon disulfide	25.7		µg/kg wet		20.0		128	70-130	1	25
Carbon tetrachloride	18.4		µg/kg wet		20.0		92	70-130	1	25
Chlorobenzene	22.1		µg/kg wet		20.0		110	70-130	0.7	25
Chloroethane	22.0		µg/kg wet		20.0		110	60.5-131	0.9	50
Chloroform	21.0		µg/kg wet		20.0		105	70-130	0.9	25
Chloromethane	22.2		µg/kg wet		20.0		111	70-130	0.6	25
2-Chlorotoluene	22.7		µg/kg wet		20.0		113	70-130	2	25
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	3	25
1,2-Dibromo-3-chloropropane	19.0		µg/kg wet		20.0		95	70-130	0.4	25
Dibromochloromethane	19.0		µg/kg wet		20.0		95	70-130	1	50
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		107	70-130	2	25
Dibromomethane	22.3		µg/kg wet		20.0		112	70-130	0.4	25
1,2-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130	0.6	25
1,3-Dichlorobenzene	22.5		µg/kg wet		20.0		113	70-130	4	25
1,4-Dichlorobenzene	22.3		µg/kg wet		20.0		111	70-130	2	25
Dichlorodifluoromethane (Freon12)	22.0		µg/kg wet		20.0		110	47.2-175	0.6	50
1,1-Dichloroethane	22.5		µg/kg wet		20.0		112	70-130	0.7	25
1,2-Dichloroethane	21.5		µg/kg wet		20.0		107	70-130	0.7	25
1,1-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
LCS Dup (8050304-BSD1)										
Prepared & Analyzed: 05-May-08										
cis-1,2-Dichloroethene	22.1		µg/kg wet		20.0		110	70-130	0.2	25
trans-1,2-Dichloroethene	22.3		µg/kg wet		20.0		111	70-130	0.4	25
1,2-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130	1	25
1,3-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	2	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	0.1	25
1,1-Dichloropropene	23.9		µg/kg wet		20.0		120	70-130	1	25
cis-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130	0.4	25
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	1	25
Ethylbenzene	23.2		µg/kg wet		20.0		116	70-130	2	25
Hexachlorobutadiene	22.2		µg/kg wet		20.0		111	62.4-142	4	50
2-Hexanone (MBK)	19.3		µg/kg wet		20.0		96	70-130	4	25
Isopropylbenzene	22.0		µg/kg wet		20.0		110	70-130	3	25
4-Isopropyltoluene	25.2		µg/kg wet		20.0		126	70-130	2	25
Methyl tert-butyl ether	23.6		µg/kg wet		20.0		118	70-130	4	25
4-Methyl-2-pentanone (MIBK)	21.0		µg/kg wet		20.0		105	70-135	6	50
Methylene chloride	21.2		µg/kg wet		20.0		106	70-130	1	25
Naphthalene	22.4		µg/kg wet		20.0		112	70-130	2	25
n-Propylbenzene	23.5		µg/kg wet		20.0		117	70-130	3	25
Styrene	23.0		µg/kg wet		20.0		115	70-130	1	25
1,1,1,2-Tetrachloroethane	18.1		µg/kg wet		20.0		91	70-130	2	25
1,1,2,2-Tetrachloroethane	21.7		µg/kg wet		20.0		108	70-130	0.9	25
Tetrachloroethene	24.1		µg/kg wet		20.0		121	70-130	1	25
Toluene	22.3		µg/kg wet		20.0		112	70-130	0.4	25
1,2,3-Trichlorobenzene	22.2		µg/kg wet		20.0		111	70-130	4	25
1,2,4-Trichlorobenzene	22.4		µg/kg wet		20.0		112	70-130	4	25
1,3,5-Trichlorobenzene	22.3		µg/kg wet		20.0		111	70-130	5	25
1,1,1-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130	0.4	25
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130	0.6	25
Trichloroethene	22.1		µg/kg wet		20.0		111	70-130	2	25
Trichlorofluoromethane (Freon 11)	25.1		µg/kg wet		20.0		125	70-136	2	50
1,2,3-Trichloropropane	24.2		µg/kg wet		20.0		121	70-130	0	25
1,2,4-Trimethylbenzene	23.4		µg/kg wet		20.0		117	70-130	3	25
1,3,5-Trimethylbenzene	23.3		µg/kg wet		20.0		116	70-130	4	25
Vinyl chloride	26.1		µg/kg wet		20.0		130	70-130	5	25
m,p-Xylene	46.9		µg/kg wet		40.0		117	70-130	4	25
o-Xylene	23.2		µg/kg wet		20.0		116	70-130	4	25
Tetrahydrofuran	22.2		µg/kg wet		20.0		111	70-130	4	25
Ethyl ether	21.7		µg/kg wet		20.0		108	70-130	0.6	50
Tert-amyl methyl ether	20.8		µg/kg wet		20.0		104	70-130	1	25
Ethyl tert-butyl ether	22.0		µg/kg wet		20.0		110	70-130	1	25
Di-isopropyl ether	21.7		µg/kg wet		20.0		108	70-130	0.7	25
Tert-Butanol / butyl alcohol	239		µg/kg wet		200		119	70-130	7	25
1,4-Dioxane	228		µg/kg wet		200		114	42.2-144	6	25
trans-1,4-Dichloro-2-butene	20.5		µg/kg wet		20.0		102	70-130	3	25
Ethanol	489		µg/kg wet		400		122	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		

Matrix Spike (8050304-MS1) **Source: SA77716-02**

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050304 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 05-May-08										
Benzene	16.8		µg/kg dry		20.0	BRL	84	70-130		
Chlorobenzene	18.0		µg/kg dry		20.0	BRL	90	70-130		
1,1-Dichloroethene	15.1		µg/kg dry		20.0	BRL	76	70-130		
Toluene	17.3		µg/kg dry		20.0	BRL	87	70-130		
Trichloroethene	16.8		µg/kg dry		20.0	BRL	84	70-130		
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/kg dry		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.3*		µg/kg dry		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg dry		*50.0*		*96*	*70-130*		
Matrix Spike Dup (8050304-MSD1) Source: SA77716-02										
Prepared & Analyzed: 05-May-08										
Benzene	BRL		µg/kg dry		20.0	BRL	83	70-130	1	30
Chlorobenzene	BRL		µg/kg dry		20.0	BRL	86	70-130	4	30
1,1-Dichloroethene	15.0		µg/kg dry		20.0	BRL	75	70-130	0.7	30
Toluene	17.1		µg/kg dry		20.0	BRL	85	70-130	2	30
Trichloroethene	16.4		µg/kg dry		20.0	BRL	82	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*BRL*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.1*		µg/kg dry		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*48.5*		µg/kg dry		*50.0*		*97*	*70-130*		
Batch 8050319 - SW846 5035A Soil (low level)										
Blank (8050319-BLK1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050319 - SW846 5035A Soil (low level)										
Blank (8050319-BLK1)										
Prepared & Analyzed: 05-May-08										
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2500						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050319 - SW846 5035A Soil (low level)										
Blank (8050319-BLK1)										
Prepared & Analyzed: 05-May-08										
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.2*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS (8050319-BS1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/kg wet		20.0		118	70-130		
Acetone	8.7		µg/kg wet		20.0		44	24.9-167		
Acrylonitrile	22.5		µg/kg wet		20.0		113	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	19.6		µg/kg wet		20.0		98	70-130		
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromoform	15.2		µg/kg wet		20.0		76	70-130		
Bromomethane	17.6		µg/kg wet		20.0		88	57.4-139		
2-Butanone (MEK)	19.0		µg/kg wet		20.0		95	46.9-141		
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130		
sec-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	21.4		µg/kg wet		20.0		107	70-130		
Carbon tetrachloride	15.3		µg/kg wet		20.0		77	70-130		
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
Chloroethane	20.2		µg/kg wet		20.0		101	60.5-131		
Chloroform	18.9		µg/kg wet		20.0		95	70-130		
Chloromethane	20.7		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	15.8		µg/kg wet		20.0		79	70-130		
Dibromochloromethane	16.5		µg/kg wet		20.0		82	70-130		
1,2-Dibromoethane (EDB)	17.6		µg/kg wet		20.0		88	70-130		
Dibromomethane	20.1		µg/kg wet		20.0		101	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130		
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	19.5		µg/kg wet		20.0		98	47.2-175		
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloroethane	19.7		µg/kg wet		20.0		99	70-130		
1,1-Dichloroethene	19.9		µg/kg wet		20.0		99	70-130		
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
2,2-Dichloropropane	4.6	QC2	µg/kg wet		20.0		23	70-130		
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130		
cis-1,3-Dichloropropene	14.4		µg/kg wet		20.0		72	70-130		
trans-1,3-Dichloropropene	12.4	QC2	µg/kg wet		20.0		62	70-130		
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	19.1		µg/kg wet		20.0		96	62.4-142		
2-Hexanone (MBK)	18.9		µg/kg wet		20.0		95	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050319 - SW846 5035A Soil (low level)										
LCS (8050319-BS1)										
Prepared & Analyzed: 05-May-08										
4-Isopropyltoluene	22.4		µg/kg wet		20.0		112	70-130		
Methyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	70-135		
Methylene chloride	18.6		µg/kg wet		20.0		93	70-130		
Naphthalene	23.9		µg/kg wet		20.0		120	70-130		
n-Propylbenzene	20.7		µg/kg wet		20.0		103	70-130		
Styrene	20.9		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	15.1		µg/kg wet		20.0		76	70-130		
1,1,2,2-Tetrachloroethane	11.7	QC2	µg/kg wet		20.0		59	70-130		
Tetrachloroethene	20.9		µg/kg wet		20.0		105	70-130		
Toluene	20.1		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	21.9		µg/kg wet		20.0		109	70-130		
1,2,4-Trichlorobenzene	20.9		µg/kg wet		20.0		105	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	17.9		µg/kg wet		20.0		90	70-130		
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
Trichloroethene	26.3	QC1	µg/kg wet		20.0		131	70-130		
Trichlorofluoromethane (Freon 11)	21.9		µg/kg wet		20.0		110	70-136		
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trimethylbenzene	21.1		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130		
Vinyl chloride	24.9		µg/kg wet		20.0		125	70-130		
m,p-Xylene	42.1		µg/kg wet		40.0		105	70-130		
o-Xylene	21.2		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	22.7		µg/kg wet		20.0		113	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		104	70-130		
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		87	70-130		
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
Di-isopropyl ether	21.1		µg/kg wet		20.0		105	70-130		
Tert-Butanol / butyl alcohol	217		µg/kg wet		200		109	70-130		
1,4-Dioxane	213		µg/kg wet		200		107	42.2-144		
trans-1,4-Dichloro-2-butene	13.3	QC2	µg/kg wet		20.0		66	70-130		
Ethanol	472		µg/kg wet		400		118	70-130		
Surrogate: 4-Bromofluorobenzene	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (8050319-BSD1)										
Prepared & Analyzed: 05-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/kg wet		20.0		115	70-130	3	25
Acetone	15.9	QR2	µg/kg wet		20.0		80	24.9-167	58	50
Acrylonitrile	23.8		µg/kg wet		20.0		119	70-130	5	25
Benzene	20.0		µg/kg wet		20.0		100	70-130	1	25
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130	0.6	25
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130	0.05	25
Bromodichloromethane	19.5		µg/kg wet		20.0		97	70-130	0.2	25
Bromoform	15.4		µg/kg wet		20.0		77	70-130	0.8	25
Bromomethane	18.2		µg/kg wet		20.0		91	57.4-139	3	50
2-Butanone (MEK)	21.0		µg/kg wet		20.0		105	46.9-141	10	50
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130	3	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050319 - SW846 5035A Soil (low level)										
LCS Dup (8050319-BSD1)										
Prepared & Analyzed: 05-May-08										
sec-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130	3	25
tert-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Carbon disulfide	21.2		µg/kg wet		20.0		106	70-130	0.8	25
Carbon tetrachloride	14.8		µg/kg wet		20.0		74	70-130	3	25
Chlorobenzene	19.4		µg/kg wet		20.0		97	70-130	0.7	25
Chloroethane	19.9		µg/kg wet		20.0		100	60.5-131	1	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	0.9	25
Chloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
2-Chlorotoluene	19.9		µg/kg wet		20.0		100	70-130	2	25
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130	3	25
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81	70-130	3	25
Dibromochloromethane	16.6		µg/kg wet		20.0		83	70-130	1	50
1,2-Dibromoethane (EDB)	18.0		µg/kg wet		20.0		90	70-130	2	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	3	25
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	0	25
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	1	25
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		97	47.2-175	0.9	50
1,1-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130	1	25
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	2	25
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	0.5	25
cis-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	3	25
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	0.3	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	0.05	25
1,3-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130	2	25
2,2-Dichloropropane	4.6	QC2	µg/kg wet		20.0		23	70-130	2	25
1,1-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	2	25
cis-1,3-Dichloropropene	14.5		µg/kg wet		20.0		72	70-130	0.2	25
trans-1,3-Dichloropropene	12.5	QC2	µg/kg wet		20.0		63	70-130	0.5	25
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130	3	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	62.4-142	4	50
2-Hexanone (MBK)	20.4		µg/kg wet		20.0		102	70-130	7	25
Isopropylbenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
4-Isopropyltoluene	22.1		µg/kg wet		20.0		110	70-130	1	25
Methyl tert-butyl ether	22.7		µg/kg wet		20.0		114	70-130	4	25
4-Methyl-2-pentanone (MIBK)	20.6		µg/kg wet		20.0		103	70-135	5	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	2	25
Naphthalene	22.6		µg/kg wet		20.0		113	70-130	5	25
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130	2	25
Styrene	20.6		µg/kg wet		20.0		103	70-130	1	25
1,1,1,2-Tetrachloroethane	15.2		µg/kg wet		20.0		76	70-130	0.5	25
1,1,2,2-Tetrachloroethane	12.0	QC2	µg/kg wet		20.0		60	70-130	3	25
Tetrachloroethene	20.4		µg/kg wet		20.0		102	70-130	3	25
Toluene	20.0		µg/kg wet		20.0		100	70-130	0.5	25
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	5	25
1,2,4-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	5	25
1,3,5-Trichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	4	25
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130	2	25
1,1,2-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	3	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050319 - SW846 5035A Soil (low level)										
LCS Dup (8050319-BSD1)										
Prepared & Analyzed: 05-May-08										
Trichloroethene	25.7		µg/kg wet		20.0		128	70-130	2	25
Trichlorofluoromethane (Freon 11)	21.5		µg/kg wet		20.0		108	70-136	2	50
1,2,3-Trichloropropane	22.9		µg/kg wet		20.0		114	70-130	3	25
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
1,3,5-Trimethylbenzene	20.3		µg/kg wet		20.0		101	70-130	3	25
Vinyl chloride	24.0		µg/kg wet		20.0		120	70-130	4	25
m,p-Xylene	41.3		µg/kg wet		40.0		103	70-130	2	25
o-Xylene	20.7		µg/kg wet		20.0		104	70-130	2	25
Tetrahydrofuran	23.9		µg/kg wet		20.0		119	70-130	5	25
Ethyl ether	21.7		µg/kg wet		20.0		108	70-130	5	50
Tert-amyl methyl ether	17.8		µg/kg wet		20.0		89	70-130	3	25
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	2	25
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130	0.9	25
Tert-Butanol / butyl alcohol	220		µg/kg wet		200		110	70-130	1	25
1,4-Dioxane	215		µg/kg wet		200		108	42.2-144	1	25
trans-1,4-Dichloro-2-butene	13.7	QC2	µg/kg wet		20.0		69	70-130	3	25
Ethanol	500		µg/kg wet		400		125	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
Matrix Spike (8050319-MS1) **Source: SA78022-01**										
Prepared: 05-May-08 Analyzed: 06-May-08										
Benzene	15.5		µg/kg dry		20.0	BRL	78	70-130		
Chlorobenzene	15.8		µg/kg dry		20.0	BRL	79	70-130		
1,1-Dichloroethene	14.0	QM7	µg/kg dry		20.0	0.3	69	70-130		
Toluene	15.7		µg/kg dry		20.0	0.1	78	70-130		
Trichloroethene	16.8		µg/kg dry		20.0	0.8	80	70-130		
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.7*		µg/kg dry		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/kg dry		*50.0*		*97*	*70-130*		
Matrix Spike Dup (8050319-MSD1) **Source: SA78022-01**										
Prepared: 05-May-08 Analyzed: 06-May-08										
Benzene	15.2		µg/kg dry		20.0	BRL	76	70-130	2	30
Chlorobenzene	15.6		µg/kg dry		20.0	BRL	78	70-130	1	30
1,1-Dichloroethene	13.8	QM7	µg/kg dry		20.0	0.4	67	70-130	3	30
Toluene	15.6		µg/kg dry		20.0	0.2	77	70-130	1	30
Trichloroethene	17.1		µg/kg dry		20.0	1.2	79	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/kg dry		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.6*		µg/kg dry		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/kg dry		*50.0*		*98*	*70-130*		
Batch 8050384 - SW846 5035A Soil (low level)										
Blank (8050384-BLK1)										
Prepared & Analyzed: 06-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050384 - SW846 5035A Soil (low level)										
Blank (8050384-BLK1)										
Prepared & Analyzed: 06-May-08										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050384 - SW846 5035A Soil (low level)										
Blank (8050384-BLK1)										
Prepared & Analyzed: 06-May-08										
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2500						
Surrogate: 4-Bromofluorobenzene	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.6*		µg/kg wet		*50.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (8050384-BS1)										
Prepared & Analyzed: 06-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.2		µg/kg wet		20.0		86	70-130		
Acetone	21.7		µg/kg wet		20.0		108	24.9-167		
Acrylonitrile	20.6		µg/kg wet		20.0		103	70-130		
Benzene	19.1		µg/kg wet		20.0		95	70-130		
Bromobenzene	20.5		µg/kg wet		20.0		102	70-130		
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromodichloromethane	19.5		µg/kg wet		20.0		98	70-130		
Bromoform	20.5		µg/kg wet		20.0		102	70-130		
Bromomethane	16.4		µg/kg wet		20.0		82	57.4-139		
2-Butanone (MEK)	24.5		µg/kg wet		20.0		122	46.9-141		
n-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130		
sec-Butylbenzene	19.3		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Carbon disulfide	17.1		µg/kg wet		20.0		86	70-130		
Carbon tetrachloride	16.9		µg/kg wet		20.0		85	70-130		
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Chloroethane	17.5		µg/kg wet		20.0		88	60.5-131		
Chloroform	18.5		µg/kg wet		20.0		93	70-130		
Chloromethane	17.7		µg/kg wet		20.0		88	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050384 - SW846 5035A Soil (low level)										
LCS (8050384-BS1)										
Prepared & Analyzed: 06-May-08										
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.6		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	19.7		µg/kg wet		20.0		99	70-130		
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		99	70-130		
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		74	47.2-175		
1,1-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	16.8		µg/kg wet		20.0		84	70-130		
cis-1,2-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130		
trans-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130		
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130		
2,2-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130		
1,1-Dichloropropene	17.7		µg/kg wet		20.0		88	70-130		
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130		
Ethylbenzene	19.1		µg/kg wet		20.0		95	70-130		
Hexachlorobutadiene	19.3		µg/kg wet		20.0		96	62.4-142		
2-Hexanone (MBK)	19.9		µg/kg wet		20.0		99	70-130		
Isopropylbenzene	18.7		µg/kg wet		20.0		94	70-130		
4-Isopropyltoluene	21.1		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	18.3		µg/kg wet		20.0		91	70-135		
Methylene chloride	18.6		µg/kg wet		20.0		93	70-130		
Naphthalene	21.2		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Styrene	20.5		µg/kg wet		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,1,2,2-Tetrachloroethane	19.5		µg/kg wet		20.0		97	70-130		
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130		
Toluene	18.9		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	21.5		µg/kg wet		20.0		107	70-130		
1,3,5-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130		
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		99	70-130		
Trichloroethene	18.3		µg/kg wet		20.0		91	70-130		
Trichlorofluoromethane (Freon 11)	16.0		µg/kg wet		20.0		80	70-136		
1,2,3-Trichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130		
Vinyl chloride	18.3		µg/kg wet		20.0		92	70-130		
m,p-Xylene	39.7		µg/kg wet		40.0		99	70-130		
o-Xylene	20.1		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	18.7		µg/kg wet		20.0		93	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050384 - SW846 5035A Soil (low level)										
LCS (8050384-BS1)										
Prepared & Analyzed: 06-May-08										
Ethyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-amyl methyl ether	20.7		µg/kg wet		20.0		103	70-130		
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130		
Di-isopropyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-Butanol / butyl alcohol	195		µg/kg wet		200		97	70-130		
1,4-Dioxane	191		µg/kg wet		200		95	42.2-144		
trans-1,4-Dichloro-2-butene	20.7		µg/kg wet		20.0		104	70-130		
Ethanol	471		µg/kg wet		400		118	70-130		
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (8050384-BSD1)										
Prepared & Analyzed: 06-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130	2	25
Acetone	20.2		µg/kg wet		20.0		101	24.9-167	7	50
Acrylonitrile	20.6		µg/kg wet		20.0		103	70-130	0.2	25
Benzene	19.1		µg/kg wet		20.0		96	70-130	0.2	25
Bromobenzene	19.9		µg/kg wet		20.0		100	70-130	3	25
Bromochloromethane	19.9		µg/kg wet		20.0		100	70-130	1	25
Bromodichloromethane	19.8		µg/kg wet		20.0		99	70-130	1	25
Bromoform	20.7		µg/kg wet		20.0		103	70-130	1	25
Bromomethane	16.6		µg/kg wet		20.0		83	57.4-139	1	50
2-Butanone (MEK)	23.0		µg/kg wet		20.0		115	46.9-141	6	50
n-Butylbenzene	20.9		µg/kg wet		20.0		105	70-130	2	25
sec-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	2	25
tert-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	3	25
Carbon disulfide	16.9		µg/kg wet		20.0		84	70-130	2	25
Carbon tetrachloride	17.7		µg/kg wet		20.0		88	70-130	4	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	1	25
Chloroethane	17.7		µg/kg wet		20.0		88	60.5-131	0.7	50
Chloroform	18.7		µg/kg wet		20.0		94	70-130	1	25
Chloromethane	17.6		µg/kg wet		20.0		88	70-130	0.3	25
2-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130	3	25
4-Chlorotoluene	20.3		µg/kg wet		20.0		101	70-130	3	25
1,2-Dibromo-3-chloropropane	19.5		µg/kg wet		20.0		98	70-130	6	25
Dibromochloromethane	20.5		µg/kg wet		20.0		102	70-130	4	50
1,2-Dibromoethane (EDB)	20.5		µg/kg wet		20.0		102	70-130	3	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	0	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	2	25
1,3-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	0.6	25
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	3	25
Dichlorodifluoromethane (Freon12)	14.6		µg/kg wet		20.0		73	47.2-175	1	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	1	25
1,2-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130	1	25
cis-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	1	25
trans-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130	1	25
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	1	25
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	0.3	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050384 - SW846 5035A Soil (low level)										
LCS Dup (8050384-BSD1)										
Prepared & Analyzed: 06-May-08										
2,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	0.6	25
1,1-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130	1	25
cis-1,3-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130	2	25
trans-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99	70-130	0.7	25
Ethylbenzene	18.9		µg/kg wet		20.0		95	70-130	0.9	25
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	62.4-142	3	50
2-Hexanone (MBK)	20.8		µg/kg wet		20.0		104	70-130	5	25
Isopropylbenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130	3	25
Methyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	2	25
4-Methyl-2-pentanone (MIBK)	20.4		µg/kg wet		20.0		102	70-135	11	50
Methylene chloride	18.9		µg/kg wet		20.0		94	70-130	2	25
Naphthalene	20.9		µg/kg wet		20.0		105	70-130	2	25
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130	1	25
Styrene	20.2		µg/kg wet		20.0		101	70-130	2	25
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		99	70-130	3	25
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	0.9	25
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130	0.2	25
Toluene	18.8		µg/kg wet		20.0		94	70-130	0.3	25
1,2,3-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	0.6	25
1,2,4-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	3	25
1,3,5-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	4	25
1,1,1-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130	0.9	25
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	2	25
Trichloroethene	18.2		µg/kg wet		20.0		91	70-130	0.5	25
Trichlorofluoromethane (Freon 11)	16.1		µg/kg wet		20.0		80	70-136	0.2	50
1,2,3-Trichloropropane	22.9		µg/kg wet		20.0		115	70-130	5	25
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	0.2	25
1,3,5-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130	1	25
Vinyl chloride	18.5		µg/kg wet		20.0		93	70-130	1	25
m,p-Xylene	39.2		µg/kg wet		40.0		98	70-130	1	25
o-Xylene	20.0		µg/kg wet		20.0		100	70-130	0.6	25
Tetrahydrofuran	20.6		µg/kg wet		20.0		103	70-130	10	25
Ethyl ether	18.9		µg/kg wet		20.0		95	70-130	3	50
Tert-amyl methyl ether	22.1		µg/kg wet		20.0		111	70-130	7	25
Ethyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130	3	25
Di-isopropyl ether	19.2		µg/kg wet		20.0		96	70-130	1	25
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130	5	25
1,4-Dioxane	192		µg/kg wet		200		96	42.2-144	0.5	25
trans-1,4-Dichloro-2-butene	20.5		µg/kg wet		20.0		103	70-130	0.8	25
Ethanol	482		µg/kg wet		400		121	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Batch 8050495 - SW846 5035A Soil (low level)										
Blank (8050495-BLK1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050495 - SW846 5035A Soil (low level)										
Blank (8050495-BLK1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050495 - SW846 5035A Soil (low level)										
Blank (8050495-BLK1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2500						
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.7*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (8050495-BS1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.2	QC2	µg/kg wet		20.0		66	70-130		
Acetone	26.8		µg/kg wet		20.0		134	24.9-167		
Acrylonitrile	20.1		µg/kg wet		20.0		101	70-130		
Benzene	18.1		µg/kg wet		20.0		90	70-130		
Bromobenzene	19.6		µg/kg wet		20.0		98	70-130		
Bromochloromethane	19.8		µg/kg wet		20.0		99	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	19.9		µg/kg wet		20.0		100	70-130		
Bromomethane	16.3		µg/kg wet		20.0		82	57.4-139		
2-Butanone (MEK)	23.6		µg/kg wet		20.0		118	46.9-141		
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130		
sec-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130		
tert-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130		
Carbon disulfide	15.5		µg/kg wet		20.0		78	70-130		
Carbon tetrachloride	15.8		µg/kg wet		20.0		79	70-130		
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Chloroethane	17.0		µg/kg wet		20.0		85	60.5-131		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050495 - SW846 5035A Soil (low level)										
LCS (8050495-BS1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Chloroform	18.0		µg/kg wet		20.0		90	70-130		
Chloromethane	17.0		µg/kg wet		20.0		85	70-130		
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	19.0		µg/kg wet		20.0		95	70-130		
Dibromochloromethane	19.6		µg/kg wet		20.0		98	70-130		
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		99	70-130		
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet		20.0		58	47.2-175		
1,1-Dichloroethane	18.7		µg/kg wet		20.0		93	70-130		
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloroethene	15.8		µg/kg wet		20.0		79	70-130		
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130		
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,3-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130		
2,2-Dichloropropane	16.7		µg/kg wet		20.0		83	70-130		
1,1-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130		
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130		
Ethylbenzene	17.8		µg/kg wet		20.0		89	70-130		
Hexachlorobutadiene	15.5		µg/kg wet		20.0		78	62.4-142		
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130		
Isopropylbenzene	17.2		µg/kg wet		20.0		86	70-130		
4-Isopropyltoluene	18.5		µg/kg wet		20.0		92	70-130		
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		103	70-130		
4-Methyl-2-pentanone (MIBK)	18.9		µg/kg wet		20.0		94	70-135		
Methylene chloride	17.9		µg/kg wet		20.0		89	70-130		
Naphthalene	20.3		µg/kg wet		20.0		101	70-130		
n-Propylbenzene	17.9		µg/kg wet		20.0		90	70-130		
Styrene	18.7		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,1,2,2-Tetrachloroethane	19.1		µg/kg wet		20.0		95	70-130		
Tetrachloroethene	17.5		µg/kg wet		20.0		87	70-130		
Toluene	17.8		µg/kg wet		20.0		89	70-130		
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		95	70-130		
1,3,5-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1-Trichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98	70-130		
Trichloroethene	17.9		µg/kg wet		20.0		90	70-130		
Trichlorofluoromethane (Freon 11)	13.4	QC2	µg/kg wet		20.0		67	70-136		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	19.9		µg/kg wet		20.0		99	70-130		
1,3,5-Trimethylbenzene	17.9		µg/kg wet		20.0		90	70-130		
Vinyl chloride	17.0		µg/kg wet		20.0		85	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050495 - SW846 5035A Soil (low level)										
LCS (8050495-BS1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
m,p-Xylene	36.3		µg/kg wet		40.0		91	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	19.2		µg/kg wet		20.0		96	70-130		
Ethyl ether	19.1		µg/kg wet		20.0		96	70-130		
Tert-amyl methyl ether	21.1		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	18.9		µg/kg wet		20.0		94	70-130		
Tert-Butanol / butyl alcohol	199		µg/kg wet		200		99	70-130		
1,4-Dioxane	183		µg/kg wet		200		91	42.2-144		
trans-1,4-Dichloro-2-butene	20.1		µg/kg wet		20.0		100	70-130		
Ethanol	426		µg/kg wet		400		106	70-130		
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (8050495-BSD1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.1	QC2	µg/kg wet		20.0		66	70-130	0.8	25
Acetone	25.5		µg/kg wet		20.0		128	24.9-167	5	50
Acrylonitrile	19.1		µg/kg wet		20.0		95	70-130	5	25
Benzene	17.9		µg/kg wet		20.0		90	70-130	0.9	25
Bromobenzene	19.2		µg/kg wet		20.0		96	70-130	2	25
Bromochloromethane	19.4		µg/kg wet		20.0		97	70-130	2	25
Bromodichloromethane	18.7		µg/kg wet		20.0		94	70-130	2	25
Bromoform	19.8		µg/kg wet		20.0		99	70-130	0.8	25
Bromomethane	16.1		µg/kg wet		20.0		80	57.4-139	1	50
2-Butanone (MEK)	23.6		µg/kg wet		20.0		118	46.9-141	0.3	50
n-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130	2	25
sec-Butylbenzene	17.2		µg/kg wet		20.0		86	70-130	0.5	25
tert-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130	0.4	25
Carbon disulfide	15.6		µg/kg wet		20.0		78	70-130	0.1	25
Carbon tetrachloride	15.7		µg/kg wet		20.0		78	70-130	0.9	25
Chlorobenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Chloroethane	16.6		µg/kg wet		20.0		83	60.5-131	2	50
Chloroform	17.8		µg/kg wet		20.0		89	70-130	1	25
Chloromethane	17.3		µg/kg wet		20.0		86	70-130	2	25
2-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130	0.7	25
4-Chlorotoluene	18.8		µg/kg wet		20.0		94	70-130	2	25
1,2-Dibromo-3-chloropropane	18.5		µg/kg wet		20.0		92	70-130	3	25
Dibromochloromethane	18.6		µg/kg wet		20.0		93	70-130	5	50
1,2-Dibromoethane (EDB)	18.5		µg/kg wet		20.0		92	70-130	7	25
Dibromomethane	19.4		µg/kg wet		20.0		97	70-130	3	25
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	4	25
1,3-Dichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	2	25
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130	1	25
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet		20.0		58	47.2-175	0.3	50
1,1-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	2	25
1,2-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	2	25
1,1-Dichloroethene	15.6		µg/kg wet		20.0		78	70-130	2	25
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	0	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050495 - SW846 5035A Soil (low level)										
LCS Dup (8050495-BSD1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	0.2	25
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130	0.3	25
1,3-Dichloropropane	18.9		µg/kg wet		20.0		94	70-130	3	25
2,2-Dichloropropane	16.9		µg/kg wet		20.0		84	70-130	1	25
1,1-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	3	25
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130	2	25
trans-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130	4	25
Ethylbenzene	17.6		µg/kg wet		20.0		88	70-130	2	25
Hexachlorobutadiene	15.0		µg/kg wet		20.0		75	62.4-142	4	50
2-Hexanone (MBK)	19.6		µg/kg wet		20.0		98	70-130	8	25
Isopropylbenzene	17.3		µg/kg wet		20.0		87	70-130	0.5	25
4-Isopropyltoluene	18.4		µg/kg wet		20.0		92	70-130	0.05	25
Methyl tert-butyl ether	19.9		µg/kg wet		20.0		99	70-130	4	25
4-Methyl-2-pentanone (MIBK)	18.3		µg/kg wet		20.0		91	70-135	3	50
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130	0.3	25
Naphthalene	19.3		µg/kg wet		20.0		97	70-130	5	25
n-Propylbenzene	17.8		µg/kg wet		20.0		89	70-130	0.8	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	0.6	25
1,1,1,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93	70-130	2	25
1,1,2,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93	70-130	3	25
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130	1	25
Toluene	17.7		µg/kg wet		20.0		89	70-130	0.06	25
1,2,3-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	7	25
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	0.1	25
1,3,5-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	2	25
1,1,1-Trichloroethane	16.7		µg/kg wet		20.0		84	70-130	1	25
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
Trichloroethene	17.7		µg/kg wet		20.0		89	70-130	1	25
Trichlorofluoromethane (Freon 11)	13.6	QC2	µg/kg wet		20.0		68	70-136	1	50
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130	8	25
1,2,4-Trimethylbenzene	19.9		µg/kg wet		20.0		100	70-130	0.1	25
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130	0.7	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	0.7	25
m,p-Xylene	36.4		µg/kg wet		40.0		91	70-130	0.2	25
o-Xylene	18.7		µg/kg wet		20.0		93	70-130	0.7	25
Tetrahydrofuran	17.8		µg/kg wet		20.0		89	70-130	8	25
Ethyl ether	19.2		µg/kg wet		20.0		96	70-130	0.5	50
Tert-amyl methyl ether	20.9		µg/kg wet		20.0		104	70-130	1	25
Ethyl tert-butyl ether	19.1		µg/kg wet		20.0		95	70-130	3	25
Di-isopropyl ether	18.4		µg/kg wet		20.0		92	70-130	3	25
Tert-Butanol / butyl alcohol	190		µg/kg wet		200		95	70-130	4	25
1,4-Dioxane	179		µg/kg wet		200		90	42.2-144	2	25
trans-1,4-Dichloro-2-butene	19.1		µg/kg wet		20.0		96	70-130	5	25
Ethanol	418		µg/kg wet		400		105	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.1*		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	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		

Batch 8050541 - SW846 5030 Soil (high level)

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
Blank (8050541-BLK1)										
Prepared & Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
Blank (8050541-BLK1)										
Prepared & Analyzed: 07-May-08										
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	500						
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS (8050541-BS1)										
Prepared & Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.1		µg/kg wet		20.0		81	70-130		
Acetone	16.7		µg/kg wet		20.0		84	24.9-167		
Acrylonitrile	19.4		µg/kg wet		20.0		97	70-130		
Benzene	20.4		µg/kg wet		20.0		102	70-130		
Bromobenzene	23.0		µg/kg wet		20.0		115	70-130		
Bromochloromethane	21.1		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130		
Bromoform	15.3		µg/kg wet		20.0		77	70-130		
Bromomethane	17.9		µg/kg wet		20.0		89	57.4-139		
2-Butanone (MEK)	15.1		µg/kg wet		20.0		75	46.9-141		
n-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
Carbon disulfide	18.5		µg/kg wet		20.0		92	70-130		
Carbon tetrachloride	15.0		µg/kg wet		20.0		75	70-130		
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
Chloroethane	18.2		µg/kg wet		20.0		91	60.5-131		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
LCS (8050541-BS1)										
Prepared & Analyzed: 07-May-08										
Chloroform	20.6		µg/kg wet		20.0		103	70-130		
Chloromethane	19.8		µg/kg wet		20.0		99	70-130		
2-Chlorotoluene	21.9		µg/kg wet		20.0		110	70-130		
4-Chlorotoluene	23.1		µg/kg wet		20.0		116	70-130		
1,2-Dibromo-3-chloropropane	17.2		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	23.6		µg/kg wet		20.0		118	70-130		
1,4-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
Dichlorodifluoromethane (Freon12)	15.1		µg/kg wet		20.0		75	47.2-175		
1,1-Dichloroethane	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130		
cis-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130		
trans-1,2-Dichloroethene	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dichloropropane	19.9		µg/kg wet		20.0		99	70-130		
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130		
2,2-Dichloropropane	14.2		µg/kg wet		20.0		71	70-130		
1,1-Dichloropropene	18.1		µg/kg wet		20.0		91	70-130		
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
Ethylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Hexachlorobutadiene	21.8		µg/kg wet		20.0		109	62.4-142		
2-Hexanone (MBK)	16.6		µg/kg wet		20.0		83	70-130		
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130		
4-Isopropyltoluene	22.6		µg/kg wet		20.0		113	70-130		
Methyl tert-butyl ether	22.1		µg/kg wet		20.0		111	70-130		
4-Methyl-2-pentanone (MIBK)	15.7		µg/kg wet		20.0		79	70-135		
Methylene chloride	19.4		µg/kg wet		20.0		97	70-130		
Naphthalene	21.8		µg/kg wet		20.0		109	70-130		
n-Propylbenzene	21.7		µg/kg wet		20.0		108	70-130		
Styrene	20.4		µg/kg wet		20.0		102	70-130		
1,1,1,2-Tetrachloroethane	18.4		µg/kg wet		20.0		92	70-130		
1,1,2,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	21.4		µg/kg wet		20.0		107	70-130		
Toluene	21.6		µg/kg wet		20.0		108	70-130		
1,2,3-Trichlorobenzene	23.5		µg/kg wet		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3,5-Trichlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	15.9		µg/kg wet		20.0		79	70-136		
1,2,3-Trichloropropane	13.8	QC2	µg/kg wet		20.0		69	70-130		
1,2,4-Trimethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3,5-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Vinyl chloride	25.1		µg/kg wet		20.0		126	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
LCS (8050541-BS1)										
Prepared & Analyzed: 07-May-08										
m,p-Xylene	43.9		µg/kg wet		40.0		110	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	18.3		µg/kg wet		20.0		91	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98	70-130		
Tert-amyl methyl ether	21.9		µg/kg wet		20.0		110	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	19.7		µg/kg wet		20.0		98	70-130		
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130		
1,4-Dioxane	200		µg/kg wet		200		100	42.2-144		
trans-1,4-Dichloro-2-butene	14.0		µg/kg wet		20.0		70	70-130		
Ethanol	362		µg/kg wet		400		91	70-130		
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (8050541-BSD1)										
Prepared & Analyzed: 07-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.2		µg/kg wet		20.0		71	70-130	13	25
Acetone	16.0		µg/kg wet		20.0		80	24.9-167	4	50
Acrylonitrile	18.6		µg/kg wet		20.0		93	70-130	4	25
Benzene	18.6		µg/kg wet		20.0		93	70-130	9	25
Bromobenzene	21.8		µg/kg wet		20.0		109	70-130	5	25
Bromochloromethane	20.3		µg/kg wet		20.0		101	70-130	4	25
Bromodichloromethane	17.5		µg/kg wet		20.0		87	70-130	6	25
Bromoform	15.3		µg/kg wet		20.0		77	70-130	0.07	25
Bromomethane	16.4		µg/kg wet		20.0		82	57.4-139	9	50
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	46.9-141	6	50
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130	11	25
sec-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130	12	25
tert-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130	10	25
Carbon disulfide	15.8		µg/kg wet		20.0		79	70-130	15	25
Carbon tetrachloride	13.3	QC1	µg/kg wet		20.0		66	70-130	12	25
Chlorobenzene	20.1		µg/kg wet		20.0		101	70-130	7	25
Chloroethane	16.2		µg/kg wet		20.0		81	60.5-131	11	50
Chloroform	19.3		µg/kg wet		20.0		97	70-130	6	25
Chloromethane	17.8		µg/kg wet		20.0		89	70-130	10	25
2-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130	7	25
4-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130	8	25
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130	4	25
Dibromochloromethane	17.4		µg/kg wet		20.0		87	70-130	4	50
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		99	70-130	2	25
Dibromomethane	19.6		µg/kg wet		20.0		98	70-130	4	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		105	70-130	6	25
1,3-Dichlorobenzene	21.9		µg/kg wet		20.0		109	70-130	8	25
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	7	25
Dichlorodifluoromethane (Freon12)	13.3		µg/kg wet		20.0		66	47.2-175	13	50
1,1-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130	11	25
1,2-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,1-Dichloroethene	16.2		µg/kg wet		20.0		81	70-130	12	25
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130	3	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
LCS Dup (8050541-BSD1)										
Prepared & Analyzed: 07-May-08										
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	19	25
1,2-Dichloropropane	18.7		µg/kg wet		20.0		94	70-130	6	25
1,3-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	2	25
2,2-Dichloropropane	14.3		µg/kg wet		20.0		72	70-130	0.6	25
1,1-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130	10	25
cis-1,3-Dichloropropene	17.7		µg/kg wet		20.0		88	70-130	5	25
trans-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87	70-130	3	25
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130	9	25
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93	62.4-142	16	50
2-Hexanone (MBK)	19.2		µg/kg wet		20.0		96	70-130	15	25
Isopropylbenzene	18.5		µg/kg wet		20.0		92	70-130	10	25
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130	10	25
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130	4	25
4-Methyl-2-pentanone (MIBK)	15.5		µg/kg wet		20.0		78	70-135	1	50
Methylene chloride	18.4		µg/kg wet		20.0		92	70-130	5	25
Naphthalene	20.7		µg/kg wet		20.0		103	70-130	6	25
n-Propylbenzene	19.4		µg/kg wet		20.0		97	70-130	11	25
Styrene	19.2		µg/kg wet		20.0		96	70-130	7	25
1,1,1,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	4	25
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	4	25
Tetrachloroethene	19.2		µg/kg wet		20.0		96	70-130	11	25
Toluene	19.7		µg/kg wet		20.0		98	70-130	9	25
1,2,3-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	9	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	9	25
1,3,5-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	10	25
1,1,1-Trichloroethane	17.0		µg/kg wet		20.0		85	70-130	11	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	4	25
Trichloroethene	19.1		µg/kg wet		20.0		95	70-130	9	25
Trichlorofluoromethane (Freon 11)	13.8	QC1	µg/kg wet		20.0		69	70-136	14	50
1,2,3-Trichloropropane	12.2	QC2	µg/kg wet		20.0		61	70-130	12	25
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		103	70-130	9	25
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	9	25
Vinyl chloride	16.2	QR2	µg/kg wet		20.0		81	70-130	43	25
m,p-Xylene	40.1		µg/kg wet		40.0		100	70-130	9	25
o-Xylene	20.3		µg/kg wet		20.0		101	70-130	9	25
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130	6	25
Ethyl ether	18.8		µg/kg wet		20.0		94	70-130	4	50
Tert-amyl methyl ether	21.1		µg/kg wet		20.0		105	70-130	4	25
Ethyl tert-butyl ether	19.0		µg/kg wet		20.0		95	70-130	3	25
Di-isopropyl ether	18.6		µg/kg wet		20.0		93	70-130	6	25
Tert-Butanol / butyl alcohol	174		µg/kg wet		200		87	70-130	2	25
1,4-Dioxane	187		µg/kg wet		200		94	42.2-144	7	25
trans-1,4-Dichloro-2-butene	14.4		µg/kg wet		20.0		72	70-130	3	25
Ethanol	349		µg/kg wet		400		87	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		

Matrix Spike (8050541-MS1) **Source: SA78200-02**

Prepared: 07-May-08 Analyzed: 08-May-08

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050541 - SW846 5030 Soil (high level)										
Matrix Spike (8050541-MS1) **Source: SA78200-02**										
Prepared: 07-May-08 Analyzed: 08-May-08										
Benzene	23.2		µg/kg dry		20.0	0.9	111	70-130		
Chlorobenzene	25.8		µg/kg dry		20.0	BRL	129	70-130		
1,1-Dichloroethene	20.9		µg/kg dry		20.0	BRL	104	70-130		
Toluene	26.1		µg/kg dry		20.0	0.6	128	70-130		
Trichloroethene	24.5		µg/kg dry		20.0	BRL	123	70-130		
Surrogate: 4-Bromofluorobenzene	*53.5*		µg/kg dry		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg dry		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/kg dry		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*46.3*		µg/kg dry		*50.0*		*93*	*70-130*		
Matrix Spike Dup (8050541-MSD1) **Source: SA78200-02**										
Prepared: 07-May-08 Analyzed: 08-May-08										
Benzene	23.2		µg/kg dry		20.0	0.9	112	70-130	0.2	30
Chlorobenzene	25.8		µg/kg dry		20.0	BRL	129	70-130	0.3	30
1,1-Dichloroethene	22.0		µg/kg dry		20.0	BRL	110	70-130	5	30
Toluene	25.8		µg/kg dry		20.0	0.6	126	70-130	1	30
Trichloroethene	25.2		µg/kg dry		20.0	BRL	126	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*52.8*		µg/kg dry		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg dry		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.8*		µg/kg dry		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*45.9*		µg/kg dry		*50.0*		*92*	*70-130*		
Batch 8050614 - SW846 5035A Soil (low level)										
Blank (8050614-BLK1)										
Prepared & Analyzed: 08-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050614 - SW846 5035A Soil (low level)										
Blank (8050614-BLK1)										
Prepared & Analyzed: 08-May-08										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050614 - SW846 5035A Soil (low level)										
Blank (8050614-BLK1)										
Prepared & Analyzed: 08-May-08										
Ethanol	BRL		µg/kg wet	500						
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*35.9*		µg/kg wet		*30.0*		*120*	*70-130*		
Surrogate: Dibromofluoromethane	*33.2*		µg/kg wet		*30.0*		*111*	*70-130*		
LCS (8050614-BS1)										
Prepared & Analyzed: 08-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.2	QC2	µg/kg wet		20.0		146	70-130		
Acetone	18.7		µg/kg wet		20.0		93	24.9-167		
Acrylonitrile	20.3		µg/kg wet		20.0		101	70-130		
Benzene	22.0		µg/kg wet		20.0		110	70-130		
Bromobenzene	21.4		µg/kg wet		20.0		107	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	20.3		µg/kg wet		20.0		101	70-130		
Bromoform	16.9		µg/kg wet		20.0		84	70-130		
Bromomethane	24.1		µg/kg wet		20.0		120	57.4-139		
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90	46.9-141		
n-Butylbenzene	23.1		µg/kg wet		20.0		115	70-130		
sec-Butylbenzene	23.8		µg/kg wet		20.0		119	70-130		
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130		
Carbon disulfide	19.7		µg/kg wet		20.0		99	70-130		
Carbon tetrachloride	22.6		µg/kg wet		20.0		113	70-130		
Chlorobenzene	22.1		µg/kg wet		20.0		110	70-130		
Chloroethane	22.6		µg/kg wet		20.0		113	60.5-131		
Chloroform	22.5		µg/kg wet		20.0		113	70-130		
Chloromethane	23.8		µg/kg wet		20.0		119	70-130		
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	17.5		µg/kg wet		20.0		87	70-130		
Dibromochloromethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		105	70-130		
1,4-Dichlorobenzene	21.3		µg/kg wet		20.0		107	70-130		
Dichlorodifluoromethane (Freon12)	28.2		µg/kg wet		20.0		141	47.2-175		
1,1-Dichloroethane	23.8		µg/kg wet		20.0		119	70-130		
1,2-Dichloroethane	23.2		µg/kg wet		20.0		116	70-130		
1,1-Dichloroethene	23.8		µg/kg wet		20.0		119	70-130		
cis-1,2-Dichloroethene	23.8		µg/kg wet		20.0		119	70-130		
trans-1,2-Dichloroethene	23.3		µg/kg wet		20.0		116	70-130		
1,2-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130		
1,3-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	24.1		µg/kg wet		20.0		120	70-130		
1,1-Dichloropropene	25.2		µg/kg wet		20.0		126	70-130		
cis-1,3-Dichloropropene	21.5		µg/kg wet		20.0		108	70-130		
trans-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130		
Ethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
Hexachlorobutadiene	23.6		µg/kg wet		20.0		118	62.4-142		
2-Hexanone (MBK)	18.6		µg/kg wet		20.0		93	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050614 - SW846 5035A Soil (low level)										
LCS (8050614-BS1)										
Prepared & Analyzed: 08-May-08										
Isopropylbenzene	21.8		µg/kg wet		20.0		109	70-130		
4-Isopropyltoluene	23.8		µg/kg wet		20.0		119	70-130		
Methyl tert-butyl ether	22.8		µg/kg wet		20.0		114	70-130		
4-Methyl-2-pentanone (MIBK)	19.1		µg/kg wet		20.0		95	70-135		
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130		
Naphthalene	19.9		µg/kg wet		20.0		99	70-130		
n-Propylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Styrene	22.0		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	22.3		µg/kg wet		20.0		112	70-130		
Toluene	20.7		µg/kg wet		20.0		103	70-130		
1,2,3-Trichlorobenzene	20.7		µg/kg wet		20.0		103	70-130		
1,2,4-Trichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
1,3,5-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	23.5		µg/kg wet		20.0		118	70-130		
1,1,2-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130		
Trichloroethene	23.0		µg/kg wet		20.0		115	70-130		
Trichlorofluoromethane (Freon 11)	26.1		µg/kg wet		20.0		131	70-136		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Vinyl chloride	19.2		µg/kg wet		20.0		96	70-130		
m,p-Xylene	44.0		µg/kg wet		40.0		110	70-130		
o-Xylene	22.1		µg/kg wet		20.0		110	70-130		
Tetrahydrofuran	19.2		µg/kg wet		20.0		96	70-130		
Ethyl ether	19.8		µg/kg wet		20.0		99	70-130		
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95	70-130		
Ethyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130		
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130		
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130		
1,4-Dioxane	176		µg/kg wet		200		88	42.2-144		
trans-1,4-Dichloro-2-butene	17.9		µg/kg wet		20.0		89	70-130		
Ethanol	367		µg/kg wet		400		92	70-130		
Surrogate: 4-Bromofluorobenzene	*30.2*		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	*34.0*		µg/kg wet		*30.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/kg wet		*30.0*		*109*	*70-130*		
LCS Dup (8050614-BSD1)										
Prepared & Analyzed: 08-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	28.4	QC2	µg/kg wet		20.0		142	70-130	3	25
Acetone	20.5		µg/kg wet		20.0		102	24.9-167	9	50
Acrylonitrile	22.2		µg/kg wet		20.0		111	70-130	9	25
Benzene	21.9		µg/kg wet		20.0		109	70-130	0.7	25
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130	3	25
Bromochloromethane	21.8		µg/kg wet		20.0		109	70-130	4	25
Bromodichloromethane	20.3		µg/kg wet		20.0		102	70-130	0.4	25
Bromoform	16.4		µg/kg wet		20.0		82	70-130	3	25
Bromomethane	25.2		µg/kg wet		20.0		126	57.4-139	4	50
2-Butanone (MEK)	18.6		µg/kg wet		20.0		93	46.9-141	3	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050614 - SW846 5035A Soil (low level)										
LCS Dup (8050614-BSD1)										
Prepared & Analyzed: 08-May-08										
n-Butylbenzene	23.1		µg/kg wet		20.0		115	70-130	0.09	25
sec-Butylbenzene	24.6		µg/kg wet		20.0		123	70-130	3	25
tert-Butylbenzene	24.3		µg/kg wet		20.0		122	70-130	3	25
Carbon disulfide	20.3		µg/kg wet		20.0		101	70-130	3	25
Carbon tetrachloride	22.0		µg/kg wet		20.0		110	70-130	2	25
Chlorobenzene	22.4		µg/kg wet		20.0		112	70-130	1	25
Chloroethane	25.0		µg/kg wet		20.0		125	60.5-131	10	50
Chloroform	22.2		µg/kg wet		20.0		111	70-130	1	25
Chloromethane	27.2	QC1	µg/kg wet		20.0		136	70-130	13	25
2-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	3	25
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130	4	25
1,2-Dibromo-3-chloropropane	17.0		µg/kg wet		20.0		85	70-130	3	25
Dibromochloromethane	17.7		µg/kg wet		20.0		89	70-130	1	50
1,2-Dibromoethane (EDB)	20.5		µg/kg wet		20.0		102	70-130	2	25
Dibromomethane	21.5		µg/kg wet		20.0		107	70-130	2	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	0.4	25
1,3-Dichlorobenzene	22.3		µg/kg wet		20.0		111	70-130	5	25
1,4-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	0.4	25
Dichlorodifluoromethane (Freon12)	31.7		µg/kg wet		20.0		159	47.2-175	12	50
1,1-Dichloroethane	23.9		µg/kg wet		20.0		120	70-130	0.6	25
1,2-Dichloroethane	23.3		µg/kg wet		20.0		116	70-130	0.3	25
1,1-Dichloroethene	24.6		µg/kg wet		20.0		123	70-130	3	25
cis-1,2-Dichloroethene	23.8		µg/kg wet		20.0		119	70-130	0.2	25
trans-1,2-Dichloroethene	23.0		µg/kg wet		20.0		115	70-130	1	25
1,2-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	0.4	25
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130	0.4	25
2,2-Dichloropropane	23.3		µg/kg wet		20.0		117	70-130	3	25
1,1-Dichloropropene	24.4		µg/kg wet		20.0		122	70-130	3	25
cis-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130	2	25
trans-1,3-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	0	25
Ethylbenzene	23.0		µg/kg wet		20.0		115	70-130	2	25
Hexachlorobutadiene	23.3		µg/kg wet		20.0		117	62.4-142	1	50
2-Hexanone (MBK)	18.8		µg/kg wet		20.0		94	70-130	1	25
Isopropylbenzene	22.1		µg/kg wet		20.0		110	70-130	1	25
4-Isopropyltoluene	23.8		µg/kg wet		20.0		119	70-130	0.04	25
Methyl tert-butyl ether	23.0		µg/kg wet		20.0		115	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.4		µg/kg wet		20.0		102	70-135	6	50
Methylene chloride	20.1		µg/kg wet		20.0		101	70-130	9	25
Naphthalene	21.1		µg/kg wet		20.0		105	70-130	6	25
n-Propylbenzene	22.5		µg/kg wet		20.0		113	70-130	3	25
Styrene	22.8		µg/kg wet		20.0		114	70-130	4	25
1,1,1,2-Tetrachloroethane	18.2		µg/kg wet		20.0		91	70-130	7	25
1,1,2,2-Tetrachloroethane	18.7		µg/kg wet		20.0		93	70-130	3	25
Tetrachloroethene	23.4		µg/kg wet		20.0		117	70-130	5	25
Toluene	22.0		µg/kg wet		20.0		110	70-130	6	25
1,2,3-Trichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	5	25
1,2,4-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	3	25
1,3,5-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	3	25
1,1,1-Trichloroethane	22.6		µg/kg wet		20.0		113	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 8050614 - SW846 5035A Soil (low level)										
LCS Dup (8050614-BSD1)										
Prepared & Analyzed: 08-May-08										
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	0.7	25
Trichloroethene	22.8		µg/kg wet		20.0		114	70-130	1	25
Trichlorofluoromethane (Freon 11)	26.5		µg/kg wet		20.0		132	70-136	1	50
1,2,3-Trichloropropane	22.6		µg/kg wet		20.0		113	70-130	2	25
1,2,4-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130	6	25
1,3,5-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130	4	25
Vinyl chloride	22.6		µg/kg wet		20.0		113	70-130	16	25
m,p-Xylene	45.5		µg/kg wet		40.0		114	70-130	3	25
o-Xylene	22.7		µg/kg wet		20.0		113	70-130	3	25
Tetrahydrofuran	19.4		µg/kg wet		20.0		97	70-130	0.9	25
Ethyl ether	20.3		µg/kg wet		20.0		102	70-130	3	50
Tert-amyl methyl ether	19.3		µg/kg wet		20.0		96	70-130	1	25
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		101	70-130	1	25
Di-isopropyl ether	19.7		µg/kg wet		20.0		98	70-130	0.7	25
Tert-Butanol / butyl alcohol	173		µg/kg wet		200		87	70-130	7	25
1,4-Dioxane	145		µg/kg wet		200		72	42.2-144	20	25
trans-1,4-Dichloro-2-butene	17.3		µg/kg wet		20.0		87	70-130	3	25
Ethanol	295		µg/kg wet		400		74	70-130	22	30
Surrogate: 4-Bromofluorobenzene	*30.6*		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	*33.5*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
Matrix Spike (8050614-MS1) **Source: SA77967-03**										
Prepared & Analyzed: 08-May-08										
Benzene	23.1		µg/kg dry		20.0	BRL	116	70-130		
Chlorobenzene	23.4		µg/kg dry		20.0	BRL	117	70-130		
1,1-Dichloroethene	26.7	QM7	µg/kg dry		20.0	BRL	134	70-130		
Toluene	23.4		µg/kg dry		20.0	BRL	117	70-130		
Trichloroethene	23.6		µg/kg dry		20.0	BRL	118	70-130		
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.2*		µg/kg dry		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/kg dry		*30.0*		*101*	*70-130*		
Matrix Spike Dup (8050614-MSD1) **Source: SA77967-03**										
Prepared & Analyzed: 08-May-08										
Benzene	23.9		µg/kg dry		20.0	BRL	119	70-130	3	30
Chlorobenzene	24.2		µg/kg dry		20.0	BRL	121	70-130	3	30
1,1-Dichloroethene	26.6	QM7	µg/kg dry		20.0	BRL	133	70-130	0.5	30
Toluene	24.2		µg/kg dry		20.0	BRL	121	70-130	3	30
Trichloroethene	24.7		µg/kg dry		20.0	BRL	124	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.4*		µg/kg dry		*30.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg dry		*30.0*		*97*	*70-130*		
Batch 8050921 - SW846 5035A Soil (low level)										
Blank (8050921-BLK1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050921 - SW846 5035A Soil (low level)										
Blank (8050921-BLK1)										
Prepared & Analyzed: 13-May-08										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050921 - SW846 5035A Soil (low level)										
Blank (8050921-BLK1)										
Prepared & Analyzed: 13-May-08										
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2500						
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.6*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*52.5*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (8050921-BS1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg wet		20.0		98	70-130		
Acetone	25.9		µg/kg wet		20.0		129	24.9-167		
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130		
Benzene	18.1		µg/kg wet		20.0		91	70-130		
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130		
Bromochloromethane	19.1		µg/kg wet		20.0		96	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	20.1		µg/kg wet		20.0		100	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	57.4-139		
2-Butanone (MEK)	24.6		µg/kg wet		20.0		123	46.9-141		
n-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130		
sec-Butylbenzene	18.5		µg/kg wet		20.0		93	70-130		
tert-Butylbenzene	18.7		µg/kg wet		20.0		93	70-130		
Carbon disulfide	16.7		µg/kg wet		20.0		83	70-130		
Carbon tetrachloride	17.8		µg/kg wet		20.0		89	70-130		
Chlorobenzene	18.9		µg/kg wet		20.0		94	70-130		
Chloroethane	17.0		µg/kg wet		20.0		85	60.5-131		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	17.4		µg/kg wet		20.0		87	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050921 - SW846 5035A Soil (low level)										
LCS (8050921-BS1)										
Prepared & Analyzed: 13-May-08										
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	19.1		µg/kg wet		20.0		95	70-130		
1,2-Dibromo-3-chloropropane	20.7		µg/kg wet		20.0		103	70-130		
Dibromochloromethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130		
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130		
1,4-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82	47.2-175		
1,1-Dichloroethane	18.7		µg/kg wet		20.0		93	70-130		
1,2-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130		
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87	70-130		
cis-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93	70-130		
trans-1,2-Dichloroethene	17.1		µg/kg wet		20.0		85	70-130		
1,2-Dichloropropane	18.9		µg/kg wet		20.0		95	70-130		
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130		
2,2-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
Ethylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	62.4-142		
2-Hexanone (MBK)	21.9		µg/kg wet		20.0		109	70-130		
Isopropylbenzene	17.8		µg/kg wet		20.0		89	70-130		
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130		
Methyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	70-135		
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130		
Naphthalene	21.4		µg/kg wet		20.0		107	70-130		
n-Propylbenzene	18.5		µg/kg wet		20.0		93	70-130		
Styrene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,1,2,2-Tetrachloroethane	20.1		µg/kg wet		20.0		101	70-130		
Tetrachloroethene	18.6		µg/kg wet		20.0		93	70-130		
Toluene	17.8		µg/kg wet		20.0		89	70-130		
1,2,3-Trichlorobenzene	20.5		µg/kg wet		20.0		103	70-130		
1,2,4-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trichlorobenzene	19.7		µg/kg wet		20.0		98	70-130		
1,1,1-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,1,2-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130		
Trichloroethene	18.5		µg/kg wet		20.0		93	70-130		
Trichlorofluoromethane (Freon 11)	17.6		µg/kg wet		20.0		88	70-136		
1,2,3-Trichloropropane	23.3		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130		
Vinyl chloride	19.6		µg/kg wet		20.0		98	70-130		
m,p-Xylene	37.0		µg/kg wet		40.0		92	70-130		
o-Xylene	18.9		µg/kg wet		20.0		94	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050921 - SW846 5035A Soil (low level)										
LCS (8050921-BS1)										
Prepared & Analyzed: 13-May-08										
Tetrahydrofuran	19.5		µg/kg wet		20.0		98	70-130		
Ethyl ether	19.1		µg/kg wet		20.0		96	70-130		
Tert-amyl methyl ether	21.8		µg/kg wet		20.0		109	70-130		
Ethyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130		
Di-isopropyl ether	19.0		µg/kg wet		20.0		95	70-130		
Tert-Butanol / butyl alcohol	210		µg/kg wet		200		105	70-130		
1,4-Dioxane	196		µg/kg wet		200		98	42.2-144		
trans-1,4-Dichloro-2-butene	19.6		µg/kg wet		20.0		98	70-130		
Ethanol	461		µg/kg wet		400		115	70-130		
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (8050921-BSD1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130	10	25
Acetone	20.7		µg/kg wet		20.0		103	24.9-167	22	50
Acrylonitrile	16.8		µg/kg wet		20.0		84	70-130	21	25
Benzene	16.5		µg/kg wet		20.0		82	70-130	10	25
Bromobenzene	17.7		µg/kg wet		20.0		88	70-130	10	25
Bromochloromethane	17.0		µg/kg wet		20.0		85	70-130	11	25
Bromodichloromethane	17.1		µg/kg wet		20.0		86	70-130	9	25
Bromoform	16.9		µg/kg wet		20.0		84	70-130	17	25
Bromomethane	14.0		µg/kg wet		20.0		70	57.4-139	12	50
2-Butanone (MEK)	20.9		µg/kg wet		20.0		105	46.9-141	16	50
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	9	25
sec-Butylbenzene	16.9		µg/kg wet		20.0		85	70-130	9	25
tert-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130	9	25
Carbon disulfide	15.5		µg/kg wet		20.0		78	70-130	7	25
Carbon tetrachloride	16.6		µg/kg wet		20.0		83	70-130	7	25
Chlorobenzene	17.2		µg/kg wet		20.0		86	70-130	9	25
Chloroethane	15.4		µg/kg wet		20.0		77	60.5-131	9	50
Chloroform	16.4		µg/kg wet		20.0		82	70-130	8	25
Chloromethane	16.0		µg/kg wet		20.0		80	70-130	9	25
2-Chlorotoluene	17.6		µg/kg wet		20.0		88	70-130	10	25
4-Chlorotoluene	17.3		µg/kg wet		20.0		87	70-130	10	25
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89	70-130	15	25
Dibromochloromethane	17.1		µg/kg wet		20.0		86	70-130	11	50
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130	15	25
Dibromomethane	17.3		µg/kg wet		20.0		86	70-130	14	25
1,2-Dichlorobenzene	18.5		µg/kg wet		20.0		93	70-130	10	25
1,3-Dichlorobenzene	17.4		µg/kg wet		20.0		87	70-130	11	25
1,4-Dichlorobenzene	18.1		µg/kg wet		20.0		91	70-130	10	25
Dichlorodifluoromethane (Freon12)	15.0		µg/kg wet		20.0		75	47.2-175	9	50
1,1-Dichloroethane	17.3		µg/kg wet		20.0		87	70-130	7	25
1,2-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	14	25
1,1-Dichloroethene	15.9		µg/kg wet		20.0		80	70-130	9	25
cis-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130	8	25
trans-1,2-Dichloroethene	16.0		µg/kg wet		20.0		80	70-130	7	25
1,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	13	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050921 - SW846 5035A Soil (low level)										
LCS Dup (8050921-BSD1)										
Prepared & Analyzed: 13-May-08										
1,3-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	14	25
2,2-Dichloropropane	15.7		µg/kg wet		20.0		78	70-130	9	25
1,1-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130	8	25
cis-1,3-Dichloropropene	16.0		µg/kg wet		20.0		80	70-130	14	25
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130	15	25
Ethylbenzene	16.5		µg/kg wet		20.0		82	70-130	10	25
Hexachlorobutadiene	16.7		µg/kg wet		20.0		84	62.4-142	10	50
2-Hexanone (MBK)	18.6		µg/kg wet		20.0		93	70-130	16	25
Isopropylbenzene	16.4		µg/kg wet		20.0		82	70-130	8	25
4-Isopropyltoluene	18.6		µg/kg wet		20.0		93	70-130	10	25
Methyl tert-butyl ether	17.9		µg/kg wet		20.0		90	70-130	13	25
4-Methyl-2-pentanone (MIBK)	15.2		µg/kg wet		20.0		76	70-135	19	50
Methylene chloride	16.3		µg/kg wet		20.0		81	70-130	9	25
Naphthalene	18.4		µg/kg wet		20.0		92	70-130	15	25
n-Propylbenzene	17.0		µg/kg wet		20.0		85	70-130	9	25
Styrene	17.0		µg/kg wet		20.0		85	70-130	10	25
1,1,1,2-Tetrachloroethane	16.8		µg/kg wet		20.0		84	70-130	12	25
1,1,2,2-Tetrachloroethane	17.0		µg/kg wet		20.0		85	70-130	17	25
Tetrachloroethene	17.0		µg/kg wet		20.0		85	70-130	9	25
Toluene	16.3		µg/kg wet		20.0		81	70-130	9	25
1,2,3-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130	13	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	12	25
1,3,5-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130	8	25
1,1,1-Trichloroethane	16.5		µg/kg wet		20.0		82	70-130	6	25
1,1,2-Trichloroethane	17.3		µg/kg wet		20.0		86	70-130	14	25
Trichloroethene	16.8		µg/kg wet		20.0		84	70-130	10	25
Trichlorofluoromethane (Freon 11)	16.3		µg/kg wet		20.0		81	70-136	8	50
1,2,3-Trichloropropane	20.1		µg/kg wet		20.0		100	70-130	15	25
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130	9	25
1,3,5-Trimethylbenzene	16.5		µg/kg wet		20.0		82	70-130	9	25
Vinyl chloride	17.9		µg/kg wet		20.0		90	70-130	9	25
m,p-Xylene	33.6		µg/kg wet		40.0		84	70-130	9	25
o-Xylene	17.3		µg/kg wet		20.0		87	70-130	9	25
Tetrahydrofuran	15.4		µg/kg wet		20.0		77	70-130	24	25
Ethyl ether	17.3		µg/kg wet		20.0		86	70-130	10	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90	70-130	19	25
Ethyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130	12	25
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130	11	25
Tert-Butanol / butyl alcohol	161	QR2	µg/kg wet		200		81	70-130	26	25
1,4-Dioxane	164		µg/kg wet		200		82	42.2-144	18	25
trans-1,4-Dichloro-2-butene	16.0		µg/kg wet		20.0		80	70-130	20	25
Ethanol	385		µg/kg wet		400		96	70-130	18	30
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Batch 8050924 - SW846 5035A Soil (low level)										
Blank (8050924-BLK1)										
Prepared & Analyzed: 13-May-08										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
Blank (8050924-BLK1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
Blank (8050924-BLK1)										
Prepared & Analyzed: 13-May-08										
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	500						
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.7*		µg/kg wet		*30.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
LCS (8050924-BS1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.9	QC2	µg/kg wet		20.0		139	70-130		
Acetone	20.4		µg/kg wet		20.0		102	24.9-167		
Acrylonitrile	20.5		µg/kg wet		20.0		102	70-130		
Benzene	21.5		µg/kg wet		20.0		107	70-130		
Bromobenzene	22.2		µg/kg wet		20.0		111	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromoform	15.8		µg/kg wet		20.0		79	70-130		
Bromomethane	23.8		µg/kg wet		20.0		119	57.4-139		
2-Butanone (MEK)	18.4		µg/kg wet		20.0		92	46.9-141		
n-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
sec-Butylbenzene	24.1		µg/kg wet		20.0		121	70-130		
tert-Butylbenzene	23.9		µg/kg wet		20.0		119	70-130		
Carbon disulfide	19.0		µg/kg wet		20.0		95	70-130		
Carbon tetrachloride	21.0		µg/kg wet		20.0		105	70-130		
Chlorobenzene	22.3		µg/kg wet		20.0		111	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
LCS (8050924-BS1)										
Prepared & Analyzed: 13-May-08										
Chloroethane	20.0		µg/kg wet		20.0		100	60.5-131		
Chloroform	21.0		µg/kg wet		20.0		105	70-130		
Chloromethane	23.5		µg/kg wet		20.0		118	70-130		
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	16.3		µg/kg wet		20.0		81	70-130		
Dibromochloromethane	16.8		µg/kg wet		20.0		84	70-130		
1,2-Dibromoethane (EDB)	20.7		µg/kg wet		20.0		103	70-130		
Dibromomethane	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dichlorobenzene	20.9		µg/kg wet		20.0		105	70-130		
1,3-Dichlorobenzene	21.7		µg/kg wet		20.0		109	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	26.9		µg/kg wet		20.0		135	47.2-175		
1,1-Dichloroethane	21.9		µg/kg wet		20.0		110	70-130		
1,2-Dichloroethane	22.8		µg/kg wet		20.0		114	70-130		
1,1-Dichloroethene	23.7		µg/kg wet		20.0		119	70-130		
cis-1,2-Dichloroethene	22.6		µg/kg wet		20.0		113	70-130		
trans-1,2-Dichloroethene	22.0		µg/kg wet		20.0		110	70-130		
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,1-Dichloropropene	24.5		µg/kg wet		20.0		122	70-130		
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		101	70-130		
Ethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
Hexachlorobutadiene	22.9		µg/kg wet		20.0		114	62.4-142		
2-Hexanone (MBK)	20.2		µg/kg wet		20.0		101	70-130		
Isopropylbenzene	22.3		µg/kg wet		20.0		111	70-130		
4-Isopropyltoluene	22.5		µg/kg wet		20.0		113	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		107	70-130		
4-Methyl-2-pentanone (MIBK)	20.3		µg/kg wet		20.0		101	70-135		
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130		
Naphthalene	20.9		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Styrene	22.1		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	18.2		µg/kg wet		20.0		91	70-130		
1,1,2,2-Tetrachloroethane	19.1		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	24.0		µg/kg wet		20.0		120	70-130		
Toluene	21.4		µg/kg wet		20.0		107	70-130		
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
1,1,1-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
1,1,2-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
Trichloroethene	22.6		µg/kg wet		20.0		113	70-130		
Trichlorofluoromethane (Freon 11)	25.6		µg/kg wet		20.0		128	70-136		
1,2,3-Trichloropropane	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130		
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		107	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
LCS (8050924-BS1)										
Prepared & Analyzed: 13-May-08										
Vinyl chloride	20.1		µg/kg wet		20.0		101	70-130		
m,p-Xylene	44.4		µg/kg wet		40.0		111	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	19.0		µg/kg wet		20.0		95	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98	70-130		
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130		
Ethyl tert-butyl ether	19.0		µg/kg wet		20.0		95	70-130		
Di-isopropyl ether	18.5		µg/kg wet		20.0		93	70-130		
Tert-Butanol / butyl alcohol	192		µg/kg wet		200		96	70-130		
1,4-Dioxane	196		µg/kg wet		200		98	42.2-144		
trans-1,4-Dichloro-2-butene	16.9		µg/kg wet		20.0		85	70-130		
Ethanol	374		µg/kg wet		400		94	70-130		
Surrogate: 4-Bromofluorobenzene	*30.4*		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	*33.2*		µg/kg wet		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS Dup (8050924-BSD1)										
Prepared & Analyzed: 13-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	28.9	QC2	µg/kg wet		20.0		145	70-130	4	25
Acetone	20.7		µg/kg wet		20.0		103	24.9-167	1	50
Acrylonitrile	20.7		µg/kg wet		20.0		103	70-130	1	25
Benzene	21.6		µg/kg wet		20.0		108	70-130	0.7	25
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130	0.7	25
Bromochloromethane	20.9		µg/kg wet		20.0		104	70-130	0.2	25
Bromodichloromethane	19.7		µg/kg wet		20.0		99	70-130	2	25
Bromoform	16.3		µg/kg wet		20.0		82	70-130	3	25
Bromomethane	22.8		µg/kg wet		20.0		114	57.4-139	4	50
2-Butanone (MEK)	18.2		µg/kg wet		20.0		91	46.9-141	0.9	50
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	0.1	25
sec-Butylbenzene	23.8		µg/kg wet		20.0		119	70-130	1	25
tert-Butylbenzene	23.5		µg/kg wet		20.0		118	70-130	1	25
Carbon disulfide	19.4		µg/kg wet		20.0		97	70-130	2	25
Carbon tetrachloride	21.2		µg/kg wet		20.0		106	70-130	1	25
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130	0.3	25
Chloroethane	20.2		µg/kg wet		20.0		101	60.5-131	1	50
Chloroform	21.2		µg/kg wet		20.0		106	70-130	0.9	25
Chloromethane	23.8		µg/kg wet		20.0		119	70-130	1	25
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	0.8	25
4-Chlorotoluene	20.7		µg/kg wet		20.0		103	70-130	2	25
1,2-Dibromo-3-chloropropane	16.5		µg/kg wet		20.0		82	70-130	1	25
Dibromochloromethane	17.2		µg/kg wet		20.0		86	70-130	3	50
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130	2	25
Dibromomethane	22.3		µg/kg wet		20.0		112	70-130	0.5	25
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	0.1	25
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	3	25
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	0.1	25
Dichlorodifluoromethane (Freon12)	27.5		µg/kg wet		20.0		137	47.2-175	2	50
1,1-Dichloroethane	22.7		µg/kg wet		20.0		114	70-130	3	25
1,2-Dichloroethane	22.7		µg/kg wet		20.0		113	70-130	0.4	25
1,1-Dichloroethene	23.5		µg/kg wet		20.0		118	70-130	0.8	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
LCS Dup (8050924-BSD1)										
Prepared & Analyzed: 13-May-08										
cis-1,2-Dichloroethene	22.9		µg/kg wet		20.0		114	70-130	1	25
trans-1,2-Dichloroethene	22.6		µg/kg wet		20.0		113	70-130	3	25
1,2-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	0.8	25
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130	0.1	25
2,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.2	25
1,1-Dichloropropene	24.5		µg/kg wet		20.0		123	70-130	0.2	25
cis-1,3-Dichloropropene	20.3		µg/kg wet		20.0		101	70-130	0.6	25
trans-1,3-Dichloropropene	20.3		µg/kg wet		20.0		101	70-130	0.8	25
Ethylbenzene	22.4		µg/kg wet		20.0		112	70-130	0.9	25
Hexachlorobutadiene	23.0		µg/kg wet		20.0		115	62.4-142	0.7	50
2-Hexanone (MBK)	19.4		µg/kg wet		20.0		97	70-130	4	25
Isopropylbenzene	21.7		µg/kg wet		20.0		108	70-130	3	25
4-Isopropyltoluene	22.7		µg/kg wet		20.0		114	70-130	0.8	25
Methyl tert-butyl ether	21.7		µg/kg wet		20.0		109	70-130	2	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	70-135	0.9	50
Methylene chloride	18.3		µg/kg wet		20.0		91	70-130	3	25
Naphthalene	20.9		µg/kg wet		20.0		105	70-130	0.2	25
n-Propylbenzene	21.7		µg/kg wet		20.0		109	70-130	1	25
Styrene	22.0		µg/kg wet		20.0		110	70-130	0.05	25
1,1,1,2-Tetrachloroethane	18.3		µg/kg wet		20.0		91	70-130	0.1	25
1,1,2,2-Tetrachloroethane	19.3		µg/kg wet		20.0		97	70-130	1	25
Tetrachloroethene	24.0		µg/kg wet		20.0		120	70-130	0.2	25
Toluene	21.2		µg/kg wet		20.0		106	70-130	0.8	25
1,2,3-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	0.9	25
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	0.8	25
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	1	25
1,1,1-Trichloroethane	22.7		µg/kg wet		20.0		113	70-130	2	25
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		105	70-130	0.8	25
Trichloroethene	22.4		µg/kg wet		20.0		112	70-130	0.5	25
Trichlorofluoromethane (Freon 11)	26.2		µg/kg wet		20.0		131	70-136	3	50
1,2,3-Trichloropropane	24.4		µg/kg wet		20.0		122	70-130	2	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	2	25
1,3,5-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130	0.9	25
Vinyl chloride	23.3		µg/kg wet		20.0		116	70-130	15	25
m,p-Xylene	44.2		µg/kg wet		40.0		110	70-130	0.4	25
o-Xylene	22.1		µg/kg wet		20.0		110	70-130	0.3	25
Tetrahydrofuran	19.4		µg/kg wet		20.0		97	70-130	2	25
Ethyl ether	19.8		µg/kg wet		20.0		99	70-130	0.9	50
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95	70-130	1	25
Ethyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	0.8	25
Di-isopropyl ether	18.6		µg/kg wet		20.0		93	70-130	0.2	25
Tert-Butanol / butyl alcohol	193		µg/kg wet		200		96	70-130	0.3	25
1,4-Dioxane	197		µg/kg wet		200		99	42.2-144	0.4	25
trans-1,4-Dichloro-2-butene	16.7		µg/kg wet		20.0		84	70-130	1	25
Ethanol	379		µg/kg wet		400		95	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.3*		µg/kg wet		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		

Matrix Spike (8050924-MS1) **Source: SA78454-05**

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050924 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 13-May-08										
Benzene	22.2		µg/kg dry		20.0	BRL	111	70-130		
Chlorobenzene	24.0		µg/kg dry		20.0	BRL	120	70-130		
1,1-Dichloroethene	21.6		µg/kg dry		20.0	BRL	108	70-130		
Toluene	23.7		µg/kg dry		20.0	0.7	115	70-130		
Trichloroethene	22.6		µg/kg dry		20.0	BRL	113	70-130		
Surrogate: 4-Bromofluorobenzene	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.0*		µg/kg dry		*30.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/kg dry		*30.0*		*95*	*70-130*		
Matrix Spike Dup (8050924-MSD1) **Source: SA78454-05**										
Prepared & Analyzed: 13-May-08										
Benzene	22.6		µg/kg dry		20.0	BRL	113	70-130	2	30
Chlorobenzene	24.0		µg/kg dry		20.0	BRL	120	70-130	0.1	30
1,1-Dichloroethene	23.7		µg/kg dry		20.0	BRL	118	70-130	9	30
Toluene	24.0		µg/kg dry		20.0	0.7	117	70-130	1	30
Trichloroethene	23.5		µg/kg dry		20.0	BRL	118	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*31.7*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*36.2*		µg/kg dry		*30.0*		*121*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
Blank (8050335-BLK1)										
Prepared: 05-May-08 Analyzed: 07-May-08										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
3,3′-Dichlorobenzidine	BRL		µg/kg wet	165						
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
Blank (8050335-BLK1)										
Prepared: 05-May-08 Analyzed: 07-May-08										
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Nitrobenzene	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Pentachloronitrobenzene	BRL		µg/kg wet	165						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*1140*		µg/kg wet		*1670*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*1200*		µg/kg wet		*1670*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*1180*		µg/kg wet		*1670*		*71*	*30-130*		
Surrogate: Phenol-d5	*1320*		µg/kg wet		*1670*		*79*	*15-110*		
Surrogate: Terphenyl-dl4	*1220*		µg/kg wet		*1670*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1280*		µg/kg wet		*1670*		*77*	*15-110*		
LCS (8050335-BS1)										
Prepared: 05-May-08 Analyzed: 08-May-08										
Acenaphthene	1200		µg/kg wet	165	1670		72	40-130		
Acenaphthylene	1250		µg/kg wet	165	1670		75	40-130		
Aniline	750		µg/kg wet	165	1670		45	40-130		
Anthracene	1190		µg/kg wet	165	1670		71	40-130		
Atrazine	1300		µg/kg wet	165	1670		78	40-130		
Azobenzene/Diphenyldiazine	1390		µg/kg wet	165	1670		84	40-130		
Benzidine	BRL		µg/kg wet	165	1670			0-153		
Benzo (a) anthracene	1180		µg/kg wet	165	1670		71	40-130		
Benzo (a) pyrene	1220		µg/kg wet	165	1670		73	40-130		
Benzo (b) fluoranthene	1220		µg/kg wet	165	1670		73	40-130		
Benzo (g,h,i) perylene	1120		µg/kg wet	165	1670		67	40-130		
Benzo (k) fluoranthene	1270		µg/kg wet	165	1670		76	40-130		
Benzoic acid	740		µg/kg wet	165	1670		44	0-130		
Benzyl alcohol	1150		µg/kg wet	165	1670		69	40-130		
Bis(2-chloroethoxy)methane	1140		µg/kg wet	165	1670		68	40-130		
Bis(2-chloroethyl)ether	1130		µg/kg wet	165	1670		68	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
LCS (8050335-BS1)										
Prepared: 05-May-08 Analyzed: 08-May-08										
Bis(2-chloroisopropyl)ether	1340		µg/kg wet	165	1670		80	40-130		
Bis(2-ethylhexyl)phthalate	1400		µg/kg wet	165	1670		84	40-130		
4-Bromophenyl phenyl ether	1230		µg/kg wet	165	1670		74	40-130		
Butyl benzyl phthalate	1380		µg/kg wet	165	1670		83	40-130		
Carbazole	1680		µg/kg wet	165	1670		101	40-130		
4-Chloro-3-methylphenol	1220		µg/kg wet	165	1670		73	40-130		
4-Chloroaniline	1030		µg/kg wet	165	1670		62	40-130		
2-Chloronaphthalene	1100		µg/kg wet	165	1670		66	40-130		
2-Chlorophenol	1080		µg/kg wet	165	1670		65	40-130		
4-Chlorophenyl phenyl ether	1210		µg/kg wet	165	1670		72	40-130		
Chrysene	1230		µg/kg wet	165	1670		74	40-130		
Dibenzo (a,h) anthracene	1180		µg/kg wet	165	1670		71	40-130		
Dibenzofuran	1120		µg/kg wet	165	1670		67	40-130		
1,2-Dichlorobenzene	1060		µg/kg wet	165	1670		64	40-130		
1,3-Dichlorobenzene	991		µg/kg wet	165	1670		59	40-130		
1,4-Dichlorobenzene	1090		µg/kg wet	165	1670		65	40-130		
3,3'-Dichlorobenzidine	1540		µg/kg wet	165	1670		92	40-130		
2,4-Dichlorophenol	1100		µg/kg wet	165	1670		66	40-130		
Diethyl phthalate	1390		µg/kg wet	165	1670		83	40-130		
Dimethyl phthalate	1300		µg/kg wet	165	1670		78	40-130		
2,4-Dimethylphenol	1080		µg/kg wet	165	1670		65	40-130		
Di-n-butyl phthalate	1340		µg/kg wet	165	1670		80	40-130		
4,6-Dinitro-2-methylphenol	1080		µg/kg wet	165	1670		65	40-130		
2,4-Dinitrophenol	941		µg/kg wet	165	1670		56	40-130		
2,4-Dinitrotoluene	1200		µg/kg wet	165	1670		72	40-130		
2,6-Dinitrotoluene	1220		µg/kg wet	165	1670		73	40-130		
Di-n-octyl phthalate	1570		µg/kg wet	165	1670		94	40-130		
Fluoranthene	1200		µg/kg wet	165	1670		72	40-130		
Fluorene	1250		µg/kg wet	165	1670		75	40-130		
Hexachlorobenzene	1230		µg/kg wet	165	1670		74	40-130		
Hexachlorobutadiene	1190		µg/kg wet	165	1670		72	40-130		
Hexachlorocyclopentadiene	706		µg/kg wet	165	1670		42	40-130		
Hexachloroethane	1170		µg/kg wet	165	1670		70	40-130		
Indeno (1,2,3-cd) pyrene	1130		µg/kg wet	165	1670		68	40-130		
1-Methylnaphthalene	1080		µg/kg wet	165	1670		65	40-140		
Isophorone	1170		µg/kg wet	165	1670		70	40-130		
2-Methylnaphthalene	1140		µg/kg wet	165	1670		68	40-130		
2-Methylphenol	1090		µg/kg wet	165	1670		65	40-130		
3,4-Methylphenol	1180		µg/kg wet	165	1670		70	40-130		
Naphthalene	1110		µg/kg wet	165	1670		66	40-130		
2-Nitroaniline	1130		µg/kg wet	165	1670		68	40-130		
3-Nitroaniline	1360		µg/kg wet	165	1670		82	40-130		
4-Nitroaniline	1310		µg/kg wet	660	1670		79	40-130		
Nitrobenzene	1170		µg/kg wet	165	1670		70	40-130		
2-Nitrophenol	1040		µg/kg wet	165	1670		62	40-130		
4-Nitrophenol	1150		µg/kg wet	660	1670		69	40-130		
N-Nitrosodimethylamine	1100		µg/kg wet	165	1670		66	40-130		
N-Nitrosodi-n-propylamine	1320		µg/kg wet	165	1670		79	40-130		
N-Nitrosodiphenylamine	1320		µg/kg wet	165	1670		79	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
LCS (8050335-BS1)										
Prepared: 05-May-08 Analyzed: 08-May-08										
Pentachlorophenol	1150		µg/kg wet	165	1670		69	40-130		
Phenanthrene	1190		µg/kg wet	165	1670		72	40-130		
Phenol	1050		µg/kg wet	165	1670		63	40-130		
Pyrene	1240		µg/kg wet	165	1670		75	40-130		
Pyridine	353		µg/kg wet	165	1670		21	0-130		
1,2,4-Trichlorobenzene	1080		µg/kg wet	165	1670		65	40-130		
2,4,5-Trichlorophenol	1190		µg/kg wet	165	1670		71	40-130		
2,4,6-Trichlorophenol	1170		µg/kg wet	165	1670		70	40-130		
Pentachloronitrobenzene	1370		µg/kg wet	165	1670		82	40-140		
1,2,4,5-Tetrachlorobenzene	1100		µg/kg wet	165	1670		66	40-140		
Surrogate: 2-Fluorobiphenyl	*1100*		µg/kg wet		*1670*		*66*	*30-130*		
Surrogate: 2-Fluorophenol	*976*		µg/kg wet		*1670*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*1100*		µg/kg wet		*1670*		*66*	*30-130*		
Surrogate: Phenol-d5	*1080*		µg/kg wet		*1670*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*1090*		µg/kg wet		*1670*		*66*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1250*		µg/kg wet		*1670*		*75*	*15-110*		
Duplicate (8050335-DUP1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 08-May-08										
Acenaphthene	BRL		µg/kg dry	418		BRL				50
Acenaphthylene	BRL		µg/kg dry	418		BRL				50
Aniline	BRL		µg/kg dry	418		BRL				50
Anthracene	BRL		µg/kg dry	418		BRL				50
Atrazine	BRL		µg/kg dry	418		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	418		BRL				50
Benzidine	BRL		µg/kg dry	418		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	418		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	418		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	418		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	418		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	418		BRL				50
Benzoic acid	BRL		µg/kg dry	418		BRL				50
Benzyl alcohol	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	418		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	418		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	418		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	418		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	418		BRL				50
Carbazole	BRL		µg/kg dry	418		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	418		BRL				50
4-Chloroaniline	BRL		µg/kg dry	418		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	418		BRL				50
2-Chlorophenol	BRL		µg/kg dry	418		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	418		BRL				50
Chrysene	BRL		µg/kg dry	418		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	418		BRL				50
Dibenzofuran	BRL		µg/kg dry	418		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	418		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
Duplicate (8050335-DUP1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 08-May-08										
3,3´-Dichlorobenzidine	BRL		µg/kg dry	418		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	418		BRL				50
Diethyl phthalate	BRL		µg/kg dry	418		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	418		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	418		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	418		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	418		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	418		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	418		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	418		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	418		BRL				50
Fluoranthene	BRL		µg/kg dry	418		BRL				50
Fluorene	BRL		µg/kg dry	418		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	418		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	418		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	418		BRL				50
Hexachloroethane	BRL		µg/kg dry	418		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	418		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	418		BRL				50
Isophorone	BRL		µg/kg dry	418		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	418		BRL				50
2-Methylphenol	BRL		µg/kg dry	418		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	418		BRL				50
Naphthalene	BRL		µg/kg dry	418		BRL				50
2-Nitroaniline	BRL		µg/kg dry	418		BRL				50
3-Nitroaniline	BRL		µg/kg dry	418		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1670		BRL				50
Nitrobenzene	BRL		µg/kg dry	418		BRL				50
2-Nitrophenol	BRL		µg/kg dry	418		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1670		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	418		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	418		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	418		BRL				50
Pentachlorophenol	BRL		µg/kg dry	418		BRL				50
Phenanthrene	BRL		µg/kg dry	418		BRL				50
Phenol	BRL		µg/kg dry	418		BRL				50
Pyrene	BRL		µg/kg dry	418		BRL				50
Pyridine	BRL		µg/kg dry	418		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	418		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	418		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	418		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	418		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	418		BRL				50
Surrogate: 2-Fluorobiphenyl	*1460*		µg/kg dry		*2110*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*1580*		µg/kg dry		*2110*		*75*	*15-110*		
Surrogate: Nitrobenzene-d5	*1520*		µg/kg dry		*2110*		*72*	*30-130*		
Surrogate: Phenol-d5	*1700*		µg/kg dry		*2110*		*81*	*15-110*		
Surrogate: Terphenyl-dl4	*1490*		µg/kg dry		*2110*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1490*		µg/kg dry		*2110*		*71*	*15-110*		
Matrix Spike (8050335-MS1) **Source: SA78027-03**										

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050335 - SW846 3550B										
Prepared: 05-May-08 Analyzed: 08-May-08										
Acenaphthene	1710		µg/kg dry	209	2110	BRL	81	40-140		
Benzo (b) fluoranthene	1660		µg/kg dry	209	2110	BRL	79	40-140		
Benzo (k) fluoranthene	1710		µg/kg dry	209	2110	BRL	81	40-140		
4-Chloro-3-methylphenol	1700		µg/kg dry	209	2110	BRL	81	30-130		
2-Chlorophenol	1540		µg/kg dry	209	2110	BRL	73	30-130		
Chrysene	1660		µg/kg dry	209	2110	BRL	78	40-140		
1,4-Dichlorobenzene	1600		µg/kg dry	209	2110	BRL	76	40-140		
Indeno (1,2,3-cd) pyrene	1540		µg/kg dry	209	2110	BRL	73	40-140		
Naphthalene	1540		µg/kg dry	209	2110	BRL	73	40-140		
4-Nitrophenol	1680		µg/kg dry	835	2110	BRL	79	30-130		
N-Nitrosodi-n-propylamine	1890		µg/kg dry	209	2110	BRL	89	40-140		
Pentachlorophenol	1680		µg/kg dry	209	2110	BRL	80	30-130		
Phenol	1490		µg/kg dry	209	2110	BRL	70	30-130		
Pyrene	1650		µg/kg dry	209	2110	BRL	78	40-140		
1,2,4-Trichlorobenzene	1510		µg/kg dry	209	2110	BRL	72	40-140		
Surrogate: 2-Fluorobiphenyl	*1470*		µg/kg dry		*2110*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1270*		µg/kg dry		*2110*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*1420*		µg/kg dry		*2110*		*67*	*30-130*		
Surrogate: Phenol-d5	*1420*		µg/kg dry		*2110*		*68*	*15-110*		
Surrogate: Terphenyl-dl4	*1320*		µg/kg dry		*2110*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1580*		µg/kg dry		*2110*		*75*	*15-110*		
Matrix Spike Dup (8050335-MSD1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 08-May-08										
Acenaphthene	2030		µg/kg dry	228	2310	BRL	88	40-140	8	30
Benzo (b) fluoranthene	2100		µg/kg dry	228	2310	BRL	91	40-140	14	30
Benzo (k) fluoranthene	2080		µg/kg dry	228	2310	BRL	90	40-140	11	30
4-Chloro-3-methylphenol	2020		µg/kg dry	228	2310	BRL	87	30-130	8	30
2-Chlorophenol	1810		µg/kg dry	228	2310	BRL	78	30-130	7	30
Chrysene	2060		µg/kg dry	228	2310	BRL	89	40-140	13	30
1,4-Dichlorobenzene	1810		µg/kg dry	228	2310	BRL	78	40-140	3	30
Indeno (1,2,3-cd) pyrene	1890		µg/kg dry	228	2310	BRL	82	40-140	12	30
Naphthalene	1860		µg/kg dry	228	2310	BRL	81	40-140	10	30
4-Nitrophenol	1930		µg/kg dry	914	2310	BRL	84	30-130	5	30
N-Nitrosodi-n-propylamine	2170		µg/kg dry	228	2310	BRL	94	40-140	5	30
Pentachlorophenol	1900		µg/kg dry	228	2310	BRL	83	30-130	4	30
Phenol	1730		µg/kg dry	228	2310	BRL	75	30-130	6	30
Pyrene	2140		µg/kg dry	228	2310	BRL	93	40-140	17	30
1,2,4-Trichlorobenzene	1820		µg/kg dry	228	2310	BRL	79	40-140	10	30
Surrogate: 2-Fluorobiphenyl	*1830*		µg/kg dry		*2310*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*1560*		µg/kg dry		*2310*		*68*	*15-110*		
Surrogate: Nitrobenzene-d5	*1800*		µg/kg dry		*2310*		*78*	*30-130*		
Surrogate: Phenol-d5	*1730*		µg/kg dry		*2310*		*75*	*15-110*		
Surrogate: Terphenyl-dl4	*1770*		µg/kg dry		*2310*		*77*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1970*		µg/kg dry		*2310*		*85*	*15-110*		
Batch 8050792 - SW846 3550B										
Blank (8050792-BLK1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Acenaphthene	BRL		µg/kg wet	66.5						
Acenaphthylene	BRL		µg/kg wet	66.5						
Anthracene	BRL		µg/kg wet	66.5						
Benzo (a) anthracene	BRL		µg/kg wet	66.5						
Benzo (a) pyrene	BRL		µg/kg wet	66.5						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050792 - SW846 3550B										
Blank (8050792-BLK1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Benzo (b) fluoranthene	BRL		µg/kg wet	66.5						
Benzo (g,h,i) perylene	BRL		µg/kg wet	66.5						
Benzo (k) fluoranthene	BRL		µg/kg wet	66.5						
Chrysene	BRL		µg/kg wet	66.5						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	66.5						
Fluoranthene	BRL		µg/kg wet	66.5						
Fluorene	BRL		µg/kg wet	66.5						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	66.5						
1-Methylnaphthalene	BRL		µg/kg wet	66.5						
2-Methylnaphthalene	BRL		µg/kg wet	66.5						
Naphthalene	BRL		µg/kg wet	66.5						
Phenanthrene	BRL		µg/kg wet	66.5						
Pyrene	BRL		µg/kg wet	66.5						
Surrogate: 2-Fluorobiphenyl	*2140*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: Terphenyl-dl4	*2200*		µg/kg wet		*3330*		*66*	*30-130*		
LCS (8050792-BS1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Acenaphthene	2500		µg/kg wet	66.5	3330		75	40-140		
Acenaphthylene	2560		µg/kg wet	66.5	3330		77	40-140		
Anthracene	2320		µg/kg wet	66.5	3330		70	40-140		
Benzo (a) anthracene	2390		µg/kg wet	66.5	3330		72	40-140		
Benzo (a) pyrene	2470		µg/kg wet	66.5	3330		74	40-140		
Benzo (b) fluoranthene	2560		µg/kg wet	66.5	3330		77	40-140		
Benzo (g,h,i) perylene	2460		µg/kg wet	66.5	3330		74	40-140		
Benzo (k) fluoranthene	2460		µg/kg wet	66.5	3330		74	40-140		
Chrysene	2510		µg/kg wet	66.5	3330		75	40-140		
Dibenzo (a,h) anthracene	2540		µg/kg wet	66.5	3330		76	40-140		
Fluoranthene	2430		µg/kg wet	66.5	3330		73	40-140		
Fluorene	2470		µg/kg wet	66.5	3330		74	40-140		
Indeno (1,2,3-cd) pyrene	2460		µg/kg wet	66.5	3330		74	40-140		
1-Methylnaphthalene	2300		µg/kg wet	66.5	3330		69	40-140		
2-Methylnaphthalene	2320		µg/kg wet	66.5	3330		70	40-140		
Naphthalene	2310		µg/kg wet	66.5	3330		69	40-140		
Phenanthrene	2370		µg/kg wet	66.5	3330		71	40-140		
Pyrene	2410		µg/kg wet	66.5	3330		72	40-140		
Surrogate: 2-Fluorobiphenyl	*2050*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*1940*		µg/kg wet		*3330*		*58*	*30-130*		
Duplicate (8050792-DUP1) **Source: SA78055-06**										
Prepared: 12-May-08 Analyzed: 14-May-08										
Acenaphthene	BRL		µg/kg dry	36.9		BRL				50
Acenaphthylene	BRL		µg/kg dry	36.9		BRL				50
Anthracene	BRL		µg/kg dry	36.9		20.1				50
Benzo (a) anthracene	34.8	J,QM4	µg/kg dry	36.9		74.2			72	50
Benzo (a) pyrene	30.4	J,QM4	µg/kg dry	36.9		68.2			77	50
Benzo (b) fluoranthene	27.4	J,QM4	µg/kg dry	36.9		54.4			66	50
Benzo (g,h,i) perylene	18.9	J,QM4	µg/kg dry	36.9		43.2			78	50
Benzo (k) fluoranthene	25.2	J,QM4	µg/kg dry	36.9		63.0			86	50
Chrysene	34.4	J,QM4	µg/kg dry	36.9		76.8			76	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	36.9		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050792 - SW846 3550B										
Duplicate (8050792-DUP1) **Source: SA78055-06**										
Prepared: 12-May-08 Analyzed: 14-May-08										
Fluoranthene	72.2	QM4	µg/kg dry	36.9		180			85	50
Fluorene	BRL		µg/kg dry	36.9		BRL				50
Indeno (1,2,3-cd) pyrene	19.6	J,QM4	µg/kg dry	36.9		48.1			84	50
1-Methylnaphthalene	BRL		µg/kg dry	36.9		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	36.9		BRL				50
Naphthalene	BRL		µg/kg dry	36.9		BRL				50
Phenanthrene	44.1	QM4	µg/kg dry	36.9		96.5			75	50
Pyrene	61.1	QM4	µg/kg dry	36.9		159			89	50
Surrogate: 2-Fluorobiphenyl	*1000*		µg/kg dry		*1850*		*54*	*30-130*		
Surrogate: Terphenyl-dl4	*1010*		µg/kg dry		*1850*		*54*	*30-130*		
Matrix Spike (8050792-MS1) **Source: SA78055-06**										
Prepared: 12-May-08 Analyzed: 14-May-08										
Acenaphthene	1200		µg/kg dry	36.6	1840	BRL	66	40-140		
Pyrene	1250		µg/kg dry	36.6	1840	159	60	40-140		
Surrogate: 2-Fluorobiphenyl	*961*		µg/kg dry		*1840*		*52*	*30-130*		
Surrogate: Terphenyl-dl4	*918*		µg/kg dry		*1840*		*50*	*30-130*		
Matrix Spike Dup (8050792-MSD1) **Source: SA78055-06**										
Prepared: 12-May-08 Analyzed: 14-May-08										
Acenaphthene	1120		µg/kg dry	36.8	1840	BRL	61	40-140	8	30
Pyrene	1170		µg/kg dry	36.8	1840	159	55	40-140	8	30
Surrogate: 2-Fluorobiphenyl	*770*		µg/kg dry		*1840*		*42*	*30-130*		
Surrogate: Terphenyl-dl4	*740*		µg/kg dry		*1840*		*40*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050336 - SW846 3550B										
Blank (8050336-BLK1)										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*BRL*		µg/kg wet		*20.0*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/kg wet		*20.0*		*90*	*30-150*		
LCS (8050336-BS1)										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	222		µg/kg wet	20.0	250		89	40-140		
PCB 1260	211		µg/kg wet	20.0	250		85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.6*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.5*		µg/kg wet		*20.0*		*82*	*30-150*		
LCS Dup (8050336-BSD1)										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	210		µg/kg wet	20.0	250		84	40-140	5	30
PCB 1260	195		µg/kg wet	20.0	250		78	40-140	8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*20.0*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*16.2*		µg/kg wet		*20.0*		*81*	*30-150*		
Duplicate (8050336-DUP1) **Source: SA78027-25**										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	BRL		µg/kg dry	21.9		BRL				40
PCB 1221	BRL		µg/kg dry	21.9		BRL				40
PCB 1232	BRL		µg/kg dry	21.9		BRL				40
PCB 1242	BRL		µg/kg dry	21.9		BRL				40
PCB 1248	BRL		µg/kg dry	21.9		BRL				40
PCB 1254	BRL		µg/kg dry	21.9		BRL				40
PCB 1260	BRL		µg/kg dry	21.9		BRL				40
PCB 1262	BRL		µg/kg dry	21.9		BRL				40
PCB 1268	BRL		µg/kg dry	21.9		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.2*		µg/kg dry		*21.9*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.4*		µg/kg dry		*21.9*		*61*	*30-150*		
Matrix Spike (8050336-MS1) **Source: SA78027-25**										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	207		µg/kg dry	22.2	278	BRL	74	40-140		
PCB 1260	176		µg/kg dry	22.2	278	BRL	63	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.1*		µg/kg dry		*22.2*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.3*		µg/kg dry		*22.2*		*64*	*30-150*		
Matrix Spike Dup (8050336-MSD1) **Source: SA78027-25**										
Prepared: 05-May-08 Analyzed: 07-May-08										
PCB 1016	204		µg/kg dry	22.0	275	BRL	74	40-140	0.1	50
PCB 1260	171		µg/kg dry	22.0	275	BRL	62	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.2*		µg/kg dry		*22.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*13.9*		µg/kg dry		*22.0*		*63*	*30-150*		
Batch 8050790 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050790 - SW846 3550B										
Blank (8050790-BLK1)										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg wet		*20.0*		*97*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.3*		µg/kg wet		*20.0*		*112*	*30-150*		
LCS (8050790-BS1)										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	229		µg/kg wet	20.0	250		92	40-140		
PCB 1260	257		µg/kg wet	20.0	250		103	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.2*		µg/kg wet		*20.0*		*91*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.1*		µg/kg wet		*20.0*		*110*	*30-150*		
LCS Dup (8050790-BSD1)										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	237		µg/kg wet	20.0	250		95	40-140	3	30
PCB 1260	245		µg/kg wet	20.0	250		98	40-140	5	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.7*		µg/kg wet		*20.0*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.4*		µg/kg wet		*20.0*		*107*	*30-150*		
Duplicate (8050790-DUP1) **Source: SA78340-01**										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	BRL		µg/kg dry	19.4		BRL				40
PCB 1221	BRL		µg/kg dry	19.4		BRL				40
PCB 1232	BRL		µg/kg dry	19.4		BRL				40
PCB 1242	BRL		µg/kg dry	19.4		BRL				40
PCB 1248	BRL		µg/kg dry	19.4		BRL				40
PCB 1254	BRL		µg/kg dry	19.4		BRL				40
PCB 1260	BRL		µg/kg dry	19.4		BRL				40
PCB 1262	BRL		µg/kg dry	19.4		BRL				40
PCB 1268	BRL		µg/kg dry	19.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.9*		µg/kg dry		*19.4*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.2*		µg/kg dry		*19.4*		*120*	*30-150*		
Matrix Spike (8050790-MS1) **Source: SA78340-01**										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	271		µg/kg dry	20.8	260	BRL	105	40-140		
PCB 1260	304		µg/kg dry	20.8	260	BRL	117	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.2*		µg/kg dry		*20.8*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.3*		µg/kg dry		*20.8*		*108*	*30-150*		
Matrix Spike Dup (8050790-MSD1) **Source: SA78340-01**										
Prepared: 12-May-08 Analyzed: 13-May-08										
PCB 1016	261		µg/kg dry	21.0	262	BRL	100	40-140	5	50
PCB 1260	298		µg/kg dry	21.0	262	BRL	114	40-140	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.9*		µg/kg dry		*21.0*		*104*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg dry		*21.0*		*114*	*30-150*		
Batch 8051046 - SW846 3535										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8051046 - SW846 3535										
Blank (8051046-BLK1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
PCB 1016	BRL		µg/l	0.0500						
PCB 1221	BRL		µg/l	0.0500						
PCB 1232	BRL		µg/l	0.0500						
PCB 1242	BRL		µg/l	0.0500						
PCB 1248	BRL		µg/l	0.0500						
PCB 1254	BRL		µg/l	0.0500						
PCB 1260	BRL		µg/l	0.0500						
PCB 1262	BRL		µg/l	0.0500						
PCB 1268	BRL		µg/l	0.0500						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*BRL*		µg/l		*0.0200*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/l		*0.0200*		*105*	*30-150*		
LCS (8051046-BS1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
PCB 1016	0.247		µg/l	0.0500	0.250		99	40-140		
PCB 1260	0.252		µg/l	0.0500	0.250		101	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*BRL*		µg/l		*0.0200*		*92*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0215*		µg/l		*0.0200*		*108*	*30-150*		
LCS Dup (8051046-BSD1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
PCB 1016	0.248		µg/l	0.0500	0.250		99	40-140	0.2	30
PCB 1260	0.256		µg/l	0.0500	0.250		102	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0185*		µg/l		*0.0200*		*92*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0217*		µg/l		*0.0200*		*108*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050334 - SW846 3550B										
Blank (8050334-BLK1)										
Prepared: 05-May-08 Analyzed: 06-May-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*BRL*		mg/kg wet		*3.33*		*52*	*50-150*		
LCS (8050334-BS1)										
Prepared: 05-May-08 Analyzed: 06-May-08										
C9-C36 Aliphatic Hydrocarbons	59.7		mg/kg wet	13.3	93.3		64	60-120		
Surrogate: 1-Chlorooctadecane	*BRL*		mg/kg wet		*3.33*		*52*	*50-150*		
Duplicate (8050334-DUP1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 06-May-08										
Gasoline	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	16.9		BRL				50
Motor Oil	BRL		mg/kg dry	16.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	16.9		BRL				50
Unidentified	BRL		mg/kg dry	16.9		BRL				50
Other Oil	BRL		mg/kg dry	16.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
Surrogate: 1-Chlorooctadecane	*1.37*		mg/kg dry		*2.11*		*65*	*50-150*		
Matrix Spike (8050334-MS1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 06-May-08										
C9-C36 Aliphatic Hydrocarbons	71.7		mg/kg dry	15.0	106	BRL	68	50-150		
Surrogate: 1-Chlorooctadecane	*BRL*		mg/kg dry		*3.77*		*60*	*50-150*		
Matrix Spike Dup (8050334-MSD1) **Source: SA78027-03**										
Prepared: 05-May-08 Analyzed: 06-May-08										
C9-C36 Aliphatic Hydrocarbons	69.8		mg/kg dry	15.5	109	BRL	64	50-150	6	30
Surrogate: 1-Chlorooctadecane	*2.02*		mg/kg dry		*3.88*		*52*	*50-150*		
Batch 8050840 - SW846 3550B										
Blank (8050840-BLK1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050840 - SW846 3550B										
Blank (8050840-BLK1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*1.73*		mg/kg wet		*3.33*		*52*	*50-150*		
LCS (8050840-BS1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
C9-C36 Aliphatic Hydrocarbons	68.7		mg/kg wet	13.3	93.3		74	60-120		
Surrogate: 1-Chlorooctadecane	*BRL*		mg/kg wet		*3.33*		*60*	*50-150*		
Duplicate (8050840-DUP1) **Source: SA78027-15**										
Prepared: 12-May-08 Analyzed: 14-May-08										
Gasoline	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	27.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	27.2		BRL				50
Motor Oil	BRL		mg/kg dry	27.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	27.2		BRL				50
Unidentified	BRL		mg/kg dry	27.2		BRL				50
Other Oil	BRL		mg/kg dry	27.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.2		BRL				50
Surrogate: 1-Chlorooctadecane	*2.13*		mg/kg dry		*3.41*		*62*	*50-150*		
Matrix Spike (8050840-MS1) **Source: SA78027-15**										
Prepared: 12-May-08 Analyzed: 14-May-08										
C9-C36 Aliphatic Hydrocarbons	67.4		mg/kg dry	13.3	93.4	BRL	72	50-150		
Surrogate: 1-Chlorooctadecane	*1.82*		mg/kg dry		*3.33*		*55*	*50-150*		
Matrix Spike Dup (8050840-MSD1) **Source: SA78027-15**										
Prepared: 12-May-08 Analyzed: 14-May-08										
C9-C36 Aliphatic Hydrocarbons	69.6		mg/kg dry	13.4	94.4	BRL	74	50-150	2	30
Surrogate: 1-Chlorooctadecane	*1.92*		mg/kg dry		*3.37*		*57*	*50-150*		
Batch 8051045 - SW846 3535										
Blank (8051045-BLK1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
Gasoline	BRL		mg/l	0.1						
Fuel Oil #2	BRL		mg/l	0.1						
Fuel Oil #4	BRL		mg/l	0.1						
Fuel Oil #6	BRL		mg/l	0.1						
Motor Oil	BRL		mg/l	0.1						
Aviation Fuel	BRL		mg/l	0.1						
Unidentified	BRL		mg/l	0.1						
Other Oil	BRL		mg/l	0.1						
Total Petroleum Hydrocarbons	BRL		mg/l	0.1						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1						
Surrogate: 1-Chlorooctadecane	*0.0261*		mg/l		*0.0500*		*52*	*50-150*		
LCS (8051045-BS1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
C9-C36 Aliphatic Hydrocarbons	1.2		mg/l	0.1	1.40		88	60-120		
Surrogate: 1-Chlorooctadecane	*BRL*		mg/l		*0.0500*		*69*	*50-150*		
Duplicate (8051045-DUP1) **Source: SA78027-11**										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8051045 - SW846 3535										
Prepared: 14-May-08 Analyzed: 15-May-08										
Gasoline	BRL		mg/l	0.1		BRL				50
Fuel Oil #2	BRL		mg/l	0.1		BRL				50
Fuel Oil #4	BRL		mg/l	0.1		BRL				50
Fuel Oil #6	BRL		mg/l	0.1		BRL				50
Motor Oil	BRL		mg/l	0.1		BRL				50
Aviation Fuel	BRL		mg/l	0.1		BRL				50
Unidentified	BRL		mg/l	0.1		BRL				50
Other Oil	BRL		mg/l	0.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/l	0.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1		BRL				50
Surrogate: 1-Chlorooctadecane	*BRL*		mg/l		*0.200*		*64*	*50-150*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050290 - SW846 3050B										
Blank (8050290-BLK1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Selenium	BRL		mg/kg wet	1.41						
Lead	BRL		mg/kg wet	1.41						
Silver	BRL		mg/kg wet	1.41						
Cadmium	BRL		mg/kg wet	0.469						
Arsenic	BRL		mg/kg wet	1.41						
Chromium	BRL		mg/kg wet	0.937						
Barium	BRL		mg/kg wet	0.937						
Duplicate (8050290-DUP1) Source: SA78027-05										
Prepared: 06-May-08 Analyzed: 07-May-08										
Lead	7.50		mg/kg dry	1.51		7.47			0.4	20
Selenium	2.27		mg/kg dry	1.51		2.28			0.7	20
Cadmium	0.601		mg/kg dry	0.505		0.546			10	20
Silver	5.07	QR9	mg/kg dry	1.51		3.35			41	20
Arsenic	1.54		mg/kg dry	1.51		1.52			1	20
Chromium	21.7	QR6	mg/kg dry	1.01		14.7			38	20
Barium	33.5		mg/kg dry	1.01		34.4			3	20
Matrix Spike (8050290-MS1) Source: SA78027-42										
Prepared: 06-May-08 Analyzed: 07-May-08										
Selenium	108		mg/kg dry	1.40	117	1.91	91	75-125		
Lead	145		mg/kg dry	1.40	117	36.4	93	75-125		
Silver	68.5	QM7	mg/kg dry	1.40	117	2.61	56	75-125		
Arsenic	114		mg/kg dry	1.40	117	2.28	95	75-125		
Cadmium	115		mg/kg dry	0.468	117	0.417	98	75-125		
Chromium	110		mg/kg dry	0.935	117	10.8	85	75-125		
Barium	180		mg/kg dry	0.935	117	66.0	98	75-125		
Matrix Spike Dup (8050290-MSD1) Source: SA78027-42										
Prepared: 06-May-08 Analyzed: 07-May-08										
Selenium	110		mg/kg dry	1.44	120	1.91	90	75-125	2	20
Lead	136		mg/kg dry	1.44	120	36.4	84	75-125	6	20
Cadmium	119		mg/kg dry	0.479	120	0.417	99	75-125	3	20
Silver	87.8	QM7, QR9	mg/kg dry	1.44	120	2.61	71	75-125	25	20
Arsenic	116		mg/kg dry	1.44	120	2.28	95	75-125	3	20
Chromium	112		mg/kg dry	0.958	120	10.8	85	75-125	2	20
Barium	187		mg/kg dry	0.958	120	66.0	101	75-125	4	20
Post Spike (8050290-PS1) Source: SA78027-42										
Prepared: 06-May-08 Analyzed: 07-May-08										
Selenium	117		mg/kg dry	1.47	122	1.91	94	80-120		
Chromium	113		mg/kg dry	0.979	122	10.8	84	80-120		
Cadmium	126		mg/kg dry	0.489	122	0.417	102	80-120		
Arsenic	123		mg/kg dry	1.47	122	2.28	99	80-120		
Barium	165		mg/kg dry	0.979	122	66.0	81	80-120		
Reference (8050290-SRM1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Selenium	48.3		mg/kg wet	1.50	47.8		101	76.8-123.3		
Lead	116	QC1	mg/kg wet	1.50	85.3		136	81.5-118.4		
Chromium	104		mg/kg wet	1.00	111		94	81.7-117.8		
Silver	40.2		mg/kg wet	1.50	41.2		98	53.8-108		

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 8050290 - SW846 3050B										
Reference (8050290-SRM1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Cadmium	55.8		mg/kg wet	0.500	52.3		107	82.8-116.5		
Arsenic	71.4		mg/kg wet	1.50	67.5		106	80.4-120.3		
Barium	128		mg/kg wet	1.00	115		111	81.4-118.6		
Reference (8050290-SRM2)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Lead	83.2		mg/kg wet	1.50	86.7		96	81.5-118.4		
Selenium	48.8		mg/kg wet	1.50	48.5		100	76.8-123.3		
Silver	39.3		mg/kg wet	1.50	41.9		94	53.8-108		
Chromium	104		mg/kg wet	1.00	113		92	81.7-117.8		
Cadmium	56.2		mg/kg wet	0.500	53.1		106	82.8-116.5		
Arsenic	72.6		mg/kg wet	1.50	68.6		106	80.4-120.3		
Barium	132		mg/kg wet	1.00	117		113	81.4-118.6		
Batch 8050291 - EPA200/SW7000 Series										
Blank (8050291-BLK1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Mercury	BRL		mg/kg wet	0.0273						
Duplicate (8050291-DUP1) Source: SA78027-05										
Prepared: 06-May-08 Analyzed: 07-May-08										
Mercury	0.0167	J	mg/kg dry	0.0293		0.0150			11	20
Matrix Spike (8050291-MS1) Source: SA78027-42										
Prepared: 06-May-08 Analyzed: 07-May-08										
Mercury	0.535		mg/kg dry	0.0303	0.421	0.0204	122	75-125		
Matrix Spike Dup (8050291-MSD1) Source: SA78027-42										
Prepared: 06-May-08 Analyzed: 07-May-08										
Mercury	0.499		mg/kg dry	0.0286	0.397	0.0204	121	75-125	7	35
Reference (8050291-SRM1)										
Prepared: 06-May-08 Analyzed: 07-May-08										
Mercury	1.79		mg/kg wet	0.0300	1.61		111	71.2-128.7		
Batch 8050562 - SW846 3050B										
Blank (8050562-BLK1)										
Prepared: 07-May-08 Analyzed: 08-May-08										
Lead	BRL		mg/kg wet	1.29						
Selenium	BRL		mg/kg wet	1.29						
Silver	BRL		mg/kg wet	1.29						
Arsenic	BRL		mg/kg wet	1.29						
Chromium	BRL		mg/kg wet	0.857						
Cadmium	BRL		mg/kg wet	0.428						
Barium	BRL		mg/kg wet	0.857						
Duplicate (8050562-DUP1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Selenium	1.16	J	mg/kg dry	1.60		1.19			3	20
Lead	384		mg/kg dry	1.60		344			11	20
Cadmium	0.459	J	mg/kg dry	0.534		0.389			17	20
Chromium	17.9		mg/kg dry	1.07		17.7			2	20
Arsenic	3.84		mg/kg dry	1.60		3.87			0.8	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 8050562 - SW846 3050B										
Duplicate (8050562-DUP1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Silver	0.614	J	mg/kg dry	1.60		0.534			14	20
Barium	222		mg/kg dry	1.07		194			13	20
Matrix Spike (8050562-MS1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Selenium	128		mg/kg dry	1.69	141	1.19	90	75-125		
Lead	303		mg/kg dry	1.69	141	344	-29	75-125		
Cadmium	133		mg/kg dry	0.563	141	0.389	94	75-125		
Arsenic	133		mg/kg dry	1.69	141	3.87	92	75-125		
Chromium	148		mg/kg dry	1.13	141	17.7	92	75-125		
Silver	127		mg/kg dry	1.69	141	0.534	90	75-125		
Barium	247	QM7	mg/kg dry	1.13	141	194	38	75-125		
Matrix Spike Dup (8050562-MSD1) Source: SA78027-04		QM7								
Prepared: 07-May-08 Analyzed: 08-May-08										
Lead	299		mg/kg dry	1.62	135	344	-33	75-125	1	20
Selenium	118		mg/kg dry	1.62	135	1.19	86	75-125	9	20
Arsenic	122		mg/kg dry	1.62	135	3.87	87	75-125	9	20
Cadmium	124		mg/kg dry	0.541	135	0.389	92	75-125	7	20
Chromium	138		mg/kg dry	1.08	135	17.7	89	75-125	6	20
Silver	116		mg/kg dry	1.62	135	0.534	85	75-125	9	20
Barium	241	QM7	mg/kg dry	1.08	135	194	35	75-125	2	20
Post Spike (8050562-PS1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Selenium	142		mg/kg dry	1.76	147	1.19	96	80-120		
Arsenic	143		mg/kg dry	1.76	147	3.87	95	80-120		
Chromium	154		mg/kg dry	1.17	147	17.7	93	80-120		
Silver	118		mg/kg dry	1.76	147	0.534	80	80-120		
Cadmium	144		mg/kg dry	0.586	147	0.389	98	80-120		
Reference (8050562-SRM1)										
Prepared: 07-May-08 Analyzed: 08-May-08										
Lead	86.2		mg/kg wet	1.50	86.2		100	81.5-118.4		
Selenium	51.0		mg/kg wet	1.50	48.3		106	76.8-123.3		
Chromium	113		mg/kg wet	1.00	112		101	81.7-117.8		
Arsenic	67.8		mg/kg wet	1.50	68.2		99	80.4-120.3		
Cadmium	53.2		mg/kg wet	0.500	52.8		101	82.8-116.5		
Silver	41.6		mg/kg wet	1.50	41.7		100	53.8-108		
Barium	114		mg/kg wet	1.00	116		98	81.4-118.6		
Reference (8050562-SRM2)										
Prepared: 07-May-08 Analyzed: 08-May-08										
Lead	86.1		mg/kg wet	1.50	84.1		102	81.5-118.4		
Selenium	49.0		mg/kg wet	1.50	47.1		104	76.8-123.3		
Chromium	108		mg/kg wet	1.00	110		98	81.7-117.8		
Silver	40.7		mg/kg wet	1.50	40.6		100	53.8-108		
Cadmium	52.1		mg/kg wet	0.500	51.5		101	82.8-116.5		
Arsenic	66.6		mg/kg wet	1.50	66.5		100	80.4-120.3		
Barium	113		mg/kg wet	1.00	113		100	81.4-118.6		
Batch 8050563 - EPA200/SW7000 Series										

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 8050563 - EPA200/SW7000 Series										
Blank (8050563-BLK1)										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	BRL		mg/kg wet	0.0265						
Duplicate (8050563-DUP1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	1.55		mg/kg dry	0.0347		1.39			11	20
Matrix Spike (8050563-MS1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	1.99		mg/kg dry	0.0349	0.484	1.39	123	75-125		
Matrix Spike Dup (8050563-MSD1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	1.88		mg/kg dry	0.0368	0.511	1.39	96	75-125	6	35
Post Spike (8050563-PS1) Source: SA78027-04										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	1.86		mg/kg dry	0.0336	0.467	1.39	101	85-115		
Reference (8050563-SRM1)										
Prepared: 07-May-08 Analyzed: 08-May-08										
Mercury	1.63		mg/kg wet	0.0300	1.63		100	71.2-128.7		
Batch 8050852 - SW846 3050B										
Blank (8050852-BLK1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	BRL		mg/kg wet	1.36						
Duplicate (8050852-DUP1) Source: SA78027-31										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	469		mg/kg dry	1.47		534			13	20
Matrix Spike (8050852-MS1) Source: SA78027-02										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	135		mg/kg dry	1.58	132	20.5	87	75-125		
Matrix Spike Dup (8050852-MSD1) Source: SA78027-02										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	126		mg/kg dry	1.43	119	20.5	88	75-125	7	20
Post Spike (8050852-PS1) Source: SA78027-02										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	138		mg/kg dry	1.58	132	20.5	89	80-120		
Reference (8050852-SRM1)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	84.6		mg/kg wet	1.50	87.0		97	81.5-118.4		
Reference (8050852-SRM2)										
Prepared: 12-May-08 Analyzed: 14-May-08										
Lead	76.0		mg/kg wet	1.50	84.4		90	81.5-118.4		

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 8051024 - SW846 3010A										
Blank (8051024-BLK1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0080						
Cadmium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0100						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0100						
LCS (8051024-BS1)										
Prepared: 14-May-08 Analyzed: 16-May-08										
Lead	2.35		mg/l	0.0150	2.50		94	80.9-114		
Selenium	2.56		mg/l	0.0300	2.50		102	77.8-124		
Silver	2.34		mg/l	0.0100	2.50		94	70-121		
Chromium	2.38		mg/l	0.0100	2.50		95	82.2-120		
Cadmium	2.45		mg/l	0.0050	2.50		98	77-122		
Arsenic	2.48		mg/l	0.0080	2.50		99	80.8-115		
Barium	2.36		mg/l	0.0100	2.50		95	76.4-126		
LCS Dup (8051024-BSD1)										
Prepared: 14-May-08 Analyzed: 16-May-08										
Lead	2.40		mg/l	0.0150	2.50		96	80.9-114	2	20
Selenium	2.60		mg/l	0.0300	2.50		104	77.8-124	2	20
Chromium	2.44		mg/l	0.0100	2.50		98	82.2-120	2	20
Silver	2.45		mg/l	0.0100	2.50		98	70-121	5	20
Cadmium	2.50		mg/l	0.0050	2.50		100	77-122	2	20
Arsenic	2.52		mg/l	0.0080	2.50		101	80.8-115	1	20
Barium	2.42		mg/l	0.0100	2.50		97	76.4-126	2	20
Duplicate (8051024-DUP1) Source: SA78027-01										
Prepared: 14-May-08 Analyzed: 15-May-08										
Selenium	BRL		mg/l	0.0300		BRL				20
Lead	0.0255		mg/l	0.0150		0.0209			20	20
Cadmium	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Barium	0.0130		mg/l	0.0100		0.0157			19	20
Matrix Spike (8051024-MS1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Lead	2.42		mg/l	0.0150	2.50	0.0195	96	80.5-114		
Selenium	2.61		mg/l	0.0300	2.50	BRL	104	77-123		
Arsenic	2.52		mg/l	0.0080	2.50	BRL	101	79.3-115		
Cadmium	2.50		mg/l	0.0050	2.50	BRL	100	76.8-123		
Chromium	2.44		mg/l	0.0100	2.50	BRL	98	80.4-121		
Silver	2.43		mg/l	0.0100	2.50	BRL	97	80.9-113		
Barium	2.40		mg/l	0.0100	2.50	0.0142	96	76.8-126		
Matrix Spike Dup (8051024-MSD1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Selenium	2.58		mg/l	0.0300	2.50	BRL	103	77-123	0.9	20
Lead	2.40		mg/l	0.0150	2.50	0.0195	95	80.5-114	0.6	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8051024 - SW846 3010A										
Matrix Spike Dup (8051024-MSD1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Cadmium	2.48		mg/l	0.0050	2.50	BRL	99	76.8-123	0.6	20
Chromium	2.45		mg/l	0.0100	2.50	BRL	98	80.4-121	0.3	20
Arsenic	2.49		mg/l	0.0080	2.50	BRL	100	79.3-115	0.9	20
Silver	2.43		mg/l	0.0100	2.50	BRL	97	80.9-113	0.08	20
Barium	2.41		mg/l	0.0100	2.50	0.0142	96	76.8-126	0.4	20
Post Spike (8051024-PS1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Selenium	2.59		mg/l	0.0300	2.50	BRL	104	82.8-119		
Lead	2.42		mg/l	0.0150	2.50	0.0195	96	82.8-114		
Chromium	2.46		mg/l	0.0100	2.50	BRL	98	86.6-116		
Arsenic	2.51		mg/l	0.0080	2.50	BRL	100	79.6-118		
Cadmium	2.50		mg/l	0.0050	2.50	BRL	100	76.2-127		
Silver	2.44		mg/l	0.0100	2.50	BRL	98	84.8-111		
Barium	2.42		mg/l	0.0100	2.50	0.0142	96	79.8-120		
Batch 8051025 - EPA200/SW7000 Series										
Blank (8051025-BLK1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
Mercury	BRL		mg/l	0.00020						
LCS (8051025-BS1)										
Prepared: 14-May-08 Analyzed: 15-May-08										
Mercury	0.00546		mg/l	0.00020	0.00500		109	60-122		
Duplicate (8051025-DUP1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Mercury	0.00010	J	mg/l	0.00020		BRL				20
Matrix Spike (8051025-MS1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Mercury	0.00551		mg/l	0.00020	0.00500	BRL	110	61.5-123		
Matrix Spike Dup (8051025-MSD1) Source: SA78027-04										
Prepared: 14-May-08 Analyzed: 15-May-08										
Mercury	0.00540		mg/l	0.00020	0.00500	BRL	108	61.5-123	2	35

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050238 - General Preparation										
Duplicate (8050238-DUP1) Source: SA78027-01										
Prepared & Analyzed: 03-May-08										
% Solids	76.3		%			78.5			3	20
Batch 8050277 - General Preparation										
Duplicate (8050277-DUP1) Source: SA77785-12										
Prepared & Analyzed: 05-May-08										
% Solids	61.4		%			58.7			4	20
Batch 8050278 - General Preparation										
Duplicate (8050278-DUP1) Source: SA77891-01										
Prepared & Analyzed: 05-May-08										
% Solids	92.3		%			92.6			0.3	20
Batch 8050507 - General Preparation										
Duplicate (8050507-DUP1) Source: SA78027-04										
Prepared & Analyzed: 07-May-08										
% Solids	81.2		%			81.3			0.09	20
Batch 8050965 - General Preparation										
Duplicate (8050965-DUP1) Source: SA78027-02										
Prepared & Analyzed: 13-May-08										
% Solids	91.1		%			89.9			1	20

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value. This value is considered an estimate (CLP E-flag).
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
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.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR9	RPD out of acceptance range. The batch is accepted based upon LCS and/or LCSD recovery.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
S01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.
S06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
VC10	The VOC field preserved soil sample is not within the 1:1 weight to volume ratio as recommended by SW846 methods 5030 and 5035 but may be within the 1:1 volume to volume ratio. This variance may affect the final reporting limit.
VOC6	The production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction technique.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin, waste automobile oil and hydraulic 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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA

Client: Diversified Technology Consultants

Project Location: Conn Dot Farmington Rt 4 - Parsons, CT

Project Number: 03-273-03E

Sampling Date(s):
29-Apr-08 01-May-08

Laboratory Sample ID(s):
SA78027-01 through SA78027-46

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

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * ** These methods have not yet been approved for release by CT DEP*	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? ** Exceptions are defined by qualifiers*	☑ Yes ☐ No ☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

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

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

Date: 5/16/2008

SA 78027 Eng / B / P

SPECTRUM ANALYTICAL, INC.
Featuring
HANDEL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: same

P.O. No.: RQN:

Project No.: 03-273-03 E
Site Name: ConnDOT Farmington Rt4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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= Ice 10= DI H_2O

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

G=Grab C=Composite

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

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

State specific reporting standards: RES DEC/GA PMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SPLPAs, Ba, Cu, Pb, Sr	VOCs (8260)	ETPH	Total RCRAB metals	Full VOCs (8270)	PCBs (8082)	Total Pb	SPLP Ba, Hg Pb	8170 PAH	8010 ETPH	
78027-01	B-101(0.25-2)	4/29/08	0805		SO	7/9/10	3	1			X	X	X	X	X	X					* HOLD SAMPLE
02	B-101(2-3)*	4/29/08	0815				3	1									X				
03	B-102(0.5-3)	4/29/08	0745				3	1				X	X		X						See attached
04	B-103(0.42-2)*	4/29/08	0700				3	1						X		X		X			Cancelled Metals on -03
05	B-103(4-5)	4/29/08	0705				3	1				X	X	X	X	X					See attached.
06	B-104(0.5-2)	5/1/08	0805				3	1				X	X	X	X	SPK					
07	B-104(2-3)*	5/1/08	0815				3	1				X									Added Analysis
08	B-105(0.33-2.5)	4/29/08	1250				3	1				X	X	X	X	X					per client request 5/12
09	B-105(4-5.25)	4/29/08	1255				3	1				X	X	X		X			X	X	
10	B-106(0.5-2.5)	5/1/08	0900				3	1				X	X	SPK					X		

☐ Fax results when available to (____)
☑ E-mail to chris.koelle@trianglc.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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SA 78027 / EY

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 F
Site Name: ConDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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=Ice 10=DI H_2O

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 Metals	SVOC (8270)	PCBs (8082)	SPLP ETPH				
78027-11	B-106(4-5)	5/1/08	0910		SO	7/9/10	3	1			X	X	X	X		X				* HOLD SAMPLE
12	B-107(0.25-2)*	4/29/08	1315				3	1				X			X					rec. attached
13	B-107(2-3)	4/29/08	1320				3	1			X	X	X	X	X					
14	B-107(4-6)*	4/29/08	1325				3	1				X								Added Analysis
15	B-108(0.75-2.5)*	4/29/08	1340				3	1				X								Per client request 5/12
16	B-108(4-6)	4/29/08	1345				3	1			X	X								
17	B-108(6-7)*	4/29/08	1350				3	1												
18	B-108(8-10)*	4/29/08	1355				3	1			X	X								
19	B-108(10-11)	4/29/08	1400				3	1			X	X	X	X	X					
20	B-108(12-13.5)*	4/29/08	1405				3	1			X	X								

Containers: Analyses:

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

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

State specific reporting standards: RES DEC/GA PMC

☐ Fax results when available to (____) _____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ C 5.9

Relinquished by:	Received by:	Date:	Time:
Jay P. Klappholz	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
☐ Standard TAT - 7 to 10 business days
☑ Rush TAT - Date Needed: 4 days
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven CT

Project Mgr.: Chris Koelle

Invoice To: same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 F
Site Name: ConnDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): JI Klappholz

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= Ice 10= DI H_2O

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

G=Grab C=Composite

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

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOC (8260)	ETPH	Total RCRA8 Metals	SVOCs (8270)	PCBs (8082)	8270 PAHs	SPLP Cd, Pb		QA Reporting Notes
78027-21	B-109(0.5-2)*	5/1/08	0930		SO	7/9/10	3	1					X							* PLEASE HOLD
22	B-109(2-3)	5/1/08	0935				3	1				X	X				X			SAMPLE
23	B-109(4-6)*	5/1/08	0940				3	1												See attached
24	B-109(6-8)*	5/1/08	0945				3	1					X				X			
25	B-109(8-10)	5/1/08	0950				3	1				X	X	X	X	X				Added Analysis
26	B-109(10-11)*	5/1/08	0955				3	1				~~X~~	~~X~~	~~X~~	~~X~~	~~X~~ JPK				Per client request 5/12
27	B-110(0.25-2)	~~5/1/08~~ 4/29/08 JPK	1406				3	1				X	X	X	X	X				
28	B-110(2-3)	4/29/08	1410				3	1				JPK ~~X~~	X	JPK ~~X~~						
29	B-110(4-6)*	4/29/08	1415				3	1					X							
30	B-111(2-3.5)	4/29/08	1145				3	1				X	X	X	X	X		X		

☐ Fax results when available to (____) _____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: ____ RQN: ____

Project No.: 03-273-03 L
Site Name: Conn DOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klapphaiz

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= ICE 10= DI H_2O

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 metals	SVOCs (8270)	PCB (8082)	Dry Wash	Total Pb	SPLP ETPH	TCLP Pb	QA Reporting Notes:
78027-31	B-111(0.63-2)*	4/29/08	1140		SO	3/9/10	3	1				X					X		X	X PLEASE HOLD
32	B-111 (4-5.5)*	4/29/08	1150				3	1				X								SAMPLE
33	B-112(0.42-2)	4/29/08	1015				3	1			X	X	X	X	X					
34	B-112(2-3)*	4/29/08	1020				3	1				X								See attached
35	B-112(6-8)*	4/29/08	1030				3	1												
36	B-112(8-10)	4/29/08	1035				3	1			X					X				Added Analysis on
37	B-112(10-11.5)*	4/29/08	1040				3	1												client request 5/12
38	B-113(0.5-1.5)*	4/29/08	1105				3	1				X			X					
39	B-113(4-6)	4/29/08	1110				3	1			X	X	X	X	X			X		ADDED see attached
40	B-113 (6-8)*	4/29/08	1115				3	1				X			X					ANALYSIS 5/19

☐ Fax results when available to (____) ____
☑ E-mail to chris.koelle@reamdtc.com
EDD Format ____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
J. P. Klapphaiz	[signature]	5-2-08	10:31
J. Bishop	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
☐ Standard TAT - 7 to 10 business days
☑ Rush TAT - Date Needed: 4 days
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave.
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 E
Site Name: ConnDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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=Ice 10=DI H_2O

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 Metals	SVOCs (8270)	PCB (8082)	Dry Weight	Total Pb	SPLP ETPH		QA Reporting Notes: (check if needed)
78027-31	B-111 (0.63-2) *	4/29/08	1140		SO	7/9/10	3	1				X					X			* PLEASE HOLD
32	B-111 (4-5.5) *	4/29/08	1150				3	1				X								SAMPLE
33	B-112 (0.42-2)	4/29/08	1015				3	1			X	X	X	X	X					
34	B-112 (2-3) *	4/29/08	1020				3	1				X								See attached
35	B-112 (6-7.5) *	4/29/08	1030				3	1												
36	B-112 (8-10)	4/29/08	1035				3	1			X					X				Added Analysis per
37	B-112 (10-11.5) *	4/29/08	1040				3	1												client request 5/12
38	B-113 (0.58-1.5) *	4/29/08	1105				3	1				X			X					
39	B-113 (4-6)	4/29/08	1110				3	1			X	X	X	X	X			X		
40	B-113 (6-8) *	4/29/08	1115				3	1				X			X					

☐ Fax results when available to (____) _____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
Jay P Klappholz	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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: RES DEC / GA PMC

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CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: RQN:

Project No.: 03-273-03 E
Site Name: Farmington Rt4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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= Ice 10= DI H_2O

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

G=Grab C=Composite

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

QA/QC Reporting Level: ☑ Standard ☐ No QC ☐ Other

State specific reporting standards: RES DEC RGA PMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs (8260)	ETPH	TCLP RCRA 8 Metals	SVOCs (8270)	PCBs (8082)	Dry Weight	SPLP Ag	SPLP PCBs	QA Reporting Notes
78027-41	B113-(8-10)	4/29/08	1120		SO	7/10	3	1				X					X			* Please Hold
42	B-114(0.42-2.5)	4/29/08	1040		SO	↓	3	1				X	X	X	X	X				Sample
43	B-114(4-6) *	4/29/08	1045		SO	↓	3	1								X				
44	Trip Blank	4/29+5/1/08				↓	3					X								See attached
45	Duplicate-1				SO	9		1					X	X				X		
46	Duplicate-2				SO	9		1							X	X			X	

☐ Fax results when available to ( )
☑ E-mail to chris.koelle@teamdtc.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 59

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: same

P.O. No.: RQN:

Project No.: 03-273-03 E
Site Name: Conn DOT Farmington Rt4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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=Ice 10=DI H_2O

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

G=Grab C=Composite

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

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

* State specific reporting standards: RES DEC/GA PMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs (8260)	ETPH	Total RCRA8 Metals	Full SVOCs (8270)	PCBs (8082)				QA Reporting Notes
78027-01	B-101(0.25-2)	4/29/08	0805		SO	7/9/10	3	1			X	X	X	X	X				* HOLD SAMPLE
02	B-101(2-3)*	4/29/08	0815				3	1											
03	B-102(0.5-3)	4/29/08	0745				3	1			X	X	[illegible]	X					See attached
04	B-103(0.42-2)*	4/29/08	0700				3	1					X						Cancelled Metals on -03
05	B-103(4-5)	4/29/08	0705				3	1			X	X	X	X	X				See attached.
06	B-104(0.5-2)	5/1/08	0805				3	1			X	X	X	X	[illegible] JPK				
07	B-104(2-3)*	5/1/08	0815				3	1											
08	B-105(0.33-2.5)	4/29/08	1250				3	1			X	X	X	X	X				
09	B-105(4-5.25)	4/29/08	1255				3	1			X	X	X						
10	B-106(0.5-2.5)	5/1/08	0900				3	1			X	X	[illegible] JPK						

☐ Fax results when available to ( )
☑ E-mail to chris.koelle@teamdtc.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 1 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 E
Site Name: ConnDOT Farmington Rt4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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=Ice 10=DI H_2O

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☑ Provide CT DPH RCP Report
- QA/QC Reporting Level: ☑ Standard ☐ No QC
- ☐ Other _____
- *State specific reporting standards: RES DEC/GA RMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs (8260)	ETPH	Total RCRA8 Metals	Full SVOCs (8270)	PCBs (8082)				QA Reporting Notes
78027-01	B-101(0.25-2)	4/29/08	0805		SO	7/9/10	3	1			X	X	X	X	X				* HOLD SAMPLE
02	B-101(2-3)*	4/29/08	0815				3	1											
03	B-102(0.5-3)	4/29/08	0745				3	1			X	X	X	X					See attached
04	B-103(0.42-2)*	4/29/08	0700				3	1											
05	B-103(4-5)	4/29/08	0705				3	1			X	X	X	X	X				
06	B-104(0.5-2)	5/1/08	0805				3	1			X	X	X	X	SPK				
07	B-104(2-3)*	5/1/08	0815				3	1											
08	B-105(0.33-2.5)	4/29/08	1250				3	1			X	X	X	X	X				
09	B-105(4-5.25)	4/29/08	1255				3	1			X	X	X						
10	B-106(0.5-2.5)	5/1/08	0900				3	1			X	X	SPK						

☐ Fax results when available to (____) _____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	1031
[signature]	[signature]	5/2/08	1445

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CHAIN OF CUSTODY RECORD

Page 2 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Kovalle

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 F
Site Name: ConnDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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= Ice 10= DI H_2O

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

G=Grab C=Composite

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

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

State specific reporting standards: RES DEC / GA PMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 Metals	SVOC (8270)	PCBs (8082)					QA Reporting Notes
78027-11	B-106(4-5)	5/1/08	0910		SO	7/9/12	3	1			X	X	X	X						* HOLD SAMPLE
12	B-107(0.25-2)*	4/29/08	1315				3	1												See attached
13	B-107(2-3)	4/29/08	1320				3	1			X	X	X	X	X					
14	B-107(4-6)*	4/29/08	1325				3	1												
15	B-108(0.75-2.5)*	4/29/08	1340				3	1												
16	B-108(4-6)	4/29/08	1345				3	1			X	X								
17	B-108(6-7)*	4/29/08	1350				3	1												
18	B-108(8-10)*	4/29/08	1355				3	1												
19	B-108(10-11)	4/29/08	1400				3	1			X	X	X	X	X					
20	B-108(12-13.5)*	4/29/08	1405				3	1												

☐ Fax results when available to ( )
☒ E-mail to chris.kovalle@transdtc.com
EDD Format

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

Relinquished by:	Received by:	Date:	Time:
Jay P. Klappholz	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

SA 78027 [illegible]

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 5

Special Handling:
☐ Standard TAT - 7 to 10 business days
☑ Rush TAT - Date Needed: 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven CT

Project Mgr.: Chris Koelle

Invoice To: same

P.O. No.: RQN:

Project No.: 03-273-03 F
Site Name: ConnDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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= Ice 10= DI H_2O

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☑ Provide CT DPH RCP Report
QA/QC Reporting Level
☑ Standard ☐ No QC
☐ Other
*State specific reporting standards: RES DEC/GA PMC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 Metals	SVOCs (8270)	PCBs (8082)				QA Reporting Notes
78027-21	B-109(0.5-2)*	5/1/08	0930		SO	7/9/10	3	1											* PLEASE HOLD
22	B-109(2-3)	5/1/08	0935				3	1			X	X							SAMPLE
23	B-109(4-6)*	5/1/08	0940				3	1											See attached
24	B-109(6-8)*	5/1/08	0945				3	1											
25	B-109(8-10)	5/1/08	0950				3	1			X	X	X	X	X				
26	B-109(10-11)*	5/1/08	0955				3	1			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~ JPK				
27	B-110(0.25-2)	~~[illegible]~~ 4/29/08 JPK	1406				3	1			X	X	X	X	X				
28	B-110(2-3)	4/29/08	1410				3	1			JPK ~~X~~	X	JPK ~~X~~						
29	B-110(4-6)*	4/29/08	1415				3	1											
30	B-111(2-3.5)	4/29/08	1145				3	1			X	X	X	X	X				

☐ Fax results when available to (____) ____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format ____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

SA 78027 RG ✓

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 of 5

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
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- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave.
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 03-273-03 E
Site Name: ConnDOT Farmington Rt 4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klapphalz

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=Ice 10=DI H_2O

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	ETPH	Total RCRA 8 Metals	SVOCs (8270)	PCB (8082)	Dry Weight				QA Reporting Notes: (check if needed)
78027-31	B-111 (0.63-2) *	4/29/08	1140		SO	7/9/10	3	1												☐ Provide MA DEP MCP CAM Report ☑ Provide CT DPH RCP Report
32	B-111 (4-5.5) *	4/29/08	1150		↓	↓	3	1												QA/QC Reporting Level ☑ Standard ☐ No QC ☐ Other _____
33	B-112 (0.42-2)	4/29/08	1015				3	1			X	X	X	X	X					*State specific reporting standards: RES DEC / GA PMC
34	B-112 (2-3) *	4/29/08	1020				3	1												X PLEASE HOLD
35	B-112 (6-7.5) *	4/29/08	1030				3	1												SAMPLE
36	B-112 (8-10)	4/29/08	1035				3	1			X					X				
37	B-112 (10-11.5) *	4/29/08	1040				3	1												
38	B-113 (0.58-1.5) *	4/29/08	1105				3	1												
39	B-113 (4-6)	4/29/08	1110				3	1			X	X	X	X	X					See attached
40	B-113 (6-8) *	4/29/08	1115		↓	↓	3	1												

☐ Fax results when available to (____) _____
☑ E-mail to chris.koelle@ream-dtc.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
Jay P Klapphalz	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

SA 78027 Ry ✓

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 5

Special Handling:
☐ Standard TAT - 7 to 10 business days
☑ Rush TAT - Date Needed: 4 days
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT

Project Mgr.: Chris Koelle

Invoice To: Same

P.O. No.: RQN:

Project No.: 07-273-03 F
Site Name: Farmington Rt4 - Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz

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= Ice 10= DI H2O

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs (8260)	ETPH	Total RCRA 8 Metals	SVOCs (8270)	PCBs (8082)	Dry Weight			QA Reporting Notes: (check if needed)
78027-41	B113-(8-10)	4/29/08	1120		SO	7/1/10	3	1				X					X			* Please Hold
42	B-114(0.42-2.5)	4/29/08	1040		SO	↓	3	1				X	X	X	X					Sample
43	B-114(4-6) *	4/29/08	1045		SO	↓	3	1												
44	Trip Blank	4/29+5/1/08				↓	3					X								See attached
45	Duplicate-1				SO	9		1					X	X						
46	Duplicate-2				SO	9		1							X	X				

☐ Fax results when available to ( )
☑ E-mail to chris.koelle@transdtc.com
EDD Format

Condition upon receipt: ☐ Iced ☐ Ambient ☑ °C 5.9

Relinquished by:	Received by:	Date:	Time:
Jay R Klappholz	[signature]	5-2-08	10:31
[signature]	[signature]	5/2/08	1445

APPENDIX D

Groundwater Analytical Laboratory Report

Report Date:
16-May-08 09:57

☐ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Diversified Technology Consultants
556 Washington Avenue
North Haven, CT 06473
Attn: Christopher Koelle

Project: Conn Dot Farmington Rt 4 - Parsons, CT
Project 03-273-03E

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA78418-01	MW-1	Ground Water	08-May-08 12:25	09-May-08 16:27
SA78418-02	MW-2	Ground Water	08-May-08 14:06	09-May-08 16:27
SA78418-03	MW-3	Ground Water	08-May-08 14:35	09-May-08 16:27
SA78418-04	MW-4	Ground Water	08-May-08 14:00	09-May-08 16:27
SA78418-05	MW-5	Ground Water	08-May-08 11:00	09-May-08 16:27
SA78418-06	Duplicate	Ground Water	08-May-08 00:00	09-May-08 16:27
SA78418-07	Field Blank	Aqueous	08-May-08 15:25	09-May-08 16:27
SA78418-08	Trip Blank	Aqueous	08-May-08 00:00	09-May-08 16:27

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 40 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
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

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

Technical Reviewer's Initial:

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

CASE NARRATIVE:

The samples were received 8.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method; samples collected for air analysis should be collected and submitted at ambient temperature.

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

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

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

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

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method 8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

+CT ETPH

Samples:

SA78418-02 *MW-2*

Elevated Reporting Limits due to limited sample volume.

SA78418-04 *MW-4*

Elevated Reporting Limits due to limited sample volume.

SA78418-05 *MW-5*

Elevated Reporting Limits due to limited sample volume.

SA78418-06 *Duplicate*

Elevated Reporting Limits due to limited sample volume.

SA78418-07 *Field Blank*

Elevated Reporting Limits due to limited sample volume.

SW 846 8260B

SW 846 8260B

Laboratory Control Samples:

8050832-BS1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Acetone
Bromoform

Analyte out of acceptance range.

Carbon disulfide
Vinyl chloride

8050832-BSD1

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

1,1,2-Trichlorotrifluoroethane (Freon 113)
Acetone
Bromoform

Spikes:

8050832-MS1 *Source: SA78209-01*

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

1,1-Dichloroethene
Benzene

8050832-MSD1 *Source: SA78209-01*

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

1,1-Dichloroethene

SW846 6010B

Duplicates:

8050855-DUP1 *Source: SA78414-01*

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

Arsenic

SW846 8082

SW846 8082

Samples:

SA78418-02 *MW-2*

Elevated Reporting Limits due to limited sample volume.

SA78418-04 *MW-4*

Elevated Reporting Limits due to limited sample volume.

SA78418-05 *MW-5*

Elevated Reporting Limits due to limited sample volume.

SA78418-06 *Duplicate*

Elevated Reporting Limits due to limited sample volume.

SA78418-07 *Field Blank*

Elevated Reporting Limits due to limited sample volume.

The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

Decachlorobiphenyl (Sr)

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1 SA78418-01	03-273-03E	Ground Water	08-May-08 12:25	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1 SA78418-01	03-273-03E	Ground Water	08-May-08 12:25	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.159		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	LR/
7440-47-3	Chromium	0.0129		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	14-May-08	14-May-08	8050857	CRM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA78418-02	03-273-03E	Ground Water	08-May-08 14:06	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA78418-02	03-273-03E	Ground Water	08-May-08 14:06	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	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*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2 SA78418-02	03-273-03E	Ground Water	08-May-08 14:06	09-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
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*	*48*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*45*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.400	1	SW846 8082	13-May-08	13-May-08	8050906	IMR
11104-28-2	PCB 1221	BRL		µg/l	0.400	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.400	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.400	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.400	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.400	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.400	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.400	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.400	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons			R02								
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	13-May-08	14-May-08	8050904	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.240		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	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	14-May-08	14-May-08	8050857	CRM

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA78418-03	03-273-03E	Ground Water	08-May-08 14:35	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA78418-03	03-273-03E	Ground Water	08-May-08 14:35	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	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*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-4 SA78418-04	03-273-03E	Ground Water	08-May-08 14:00	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	3.5		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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-4 SA78418-04	03-273-03E	Ground Water	08-May-08 14:00	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-4 SA78418-04	03-273-03E	Ground Water	08-May-08 14:00	09-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
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*	*53*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.400	1	SW846 8082	13-May-08	13-May-08	8050906	IMR
11104-28-2	PCB 1221	BRL		µg/l	0.400	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.400	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.400	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.400	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.400	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.400	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.400	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.400	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons			R02								
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	13-May-08	14-May-08	8050904	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*103*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.239		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	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	14-May-08	14-May-08	8050857	CRM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-5 SA78418-05	03-273-03E	Ground Water	08-May-08 11:00	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-5 SA78418-05	03-273-03E	Ground Water	08-May-08 11:00	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-5 SA78418-05	03-273-03E	Ground Water	08-May-08 11:00	09-May-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
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*	*47*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*48*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.400	1	SW846 8082	13-May-08	13-May-08	8050906	IMR
11104-28-2	PCB 1221	BRL		µg/l	0.400	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.400	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.400	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.400	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.400	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.400	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.400	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.400	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons			R02								
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	13-May-08	14-May-08	8050904	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*103*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.221		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	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	14-May-08	14-May-08	8050857	CRM

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA78418-06	03-273-03E	Ground Water	08-May-08 00:00	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	3.6		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
Duplicate SA78418-06	03-273-03E	Ground Water	08-May-08 00:00	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	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*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA78418-06	03-273-03E	Ground Water	08-May-08 00:00	09-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050903	ZZZ
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*	*51*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.400	1	SW846 8082	13-May-08	13-May-08	8050906	IMR
11104-28-2	PCB 1221	BRL		µg/l	0.400	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.400	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.400	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.400	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.400	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.400	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.400	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.400	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons			R02								
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	13-May-08	14-May-08	8050904	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*94*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.238		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	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	14-May-08	14-May-08	8050857	CRM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Field Blank SA78418-07	03-273-03E	Aqueous	08-May-08 15:25	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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
Field Blank SA78418-07	03-273-03E	Aqueous	08-May-08 15:25	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050905	ZZZ
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Field Blank SA78418-07	03-273-03E	Aqueous	08-May-08 15:25	09-May-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	13-May-08	14-May-08	8050905	ZZZ
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*	*30*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*34*		*30-130 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082			R02								
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.500	1	SW846 8082	13-May-08	14-May-08	8050906	IMR
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)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*14*	S04	*30-150 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons			R02								
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	13-May-08	14-May-08	8050904	SHM
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*88*		*50-150 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	14-May-08	14-May-08	8050855	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0055	1	"	"	15-May-08	"	SA
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	14-May-08	"	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	14-May-08	14-May-08	8050857	CRM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA78418-08	03-273-03E	Aqueous	08-May-08 00:00	09-May-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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
67-64-1	Acetone	BRL		µg/l	10.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA78418-08	03-273-03E	Aqueous	08-May-08 00:00	09-May-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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	12-May-08	13-May-08	8050832	JLD
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	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	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*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050832 - SW846 5030 Water MS										
Blank (8050832-BLK1)										
Prepared & Analyzed: 12-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050832 - SW846 5030 Water MS										
Blank (8050832-BLK1)										
Prepared & Analyzed: 12-May-08										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	500						
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*	*99*	*70-130*			
Surrogate: Toluene-d8	*47.6*		µg/l		*50.0*	*95*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.7*		µg/l		*50.0*	*103*	*70-130*			
Surrogate: Dibromofluoromethane	*52.1*		µg/l		*50.0*	*104*	*70-130*			
LCS (8050832-BS1)										
Prepared & Analyzed: 12-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.5	QC2	µg/l		20.0	137	70-130			
Acetone	28.1	QC2	µg/l		20.0	141	33.1-130			
Acrylonitrile	22.3		µg/l		20.0	112	70-130			
Benzene	21.3		µg/l		20.0	107	70-130			
Bromobenzene	23.6		µg/l		20.0	118	70-130			
Bromochloromethane	22.1		µg/l		20.0	110	70-130			
Bromodichloromethane	23.3		µg/l		20.0	117	70-130			
Bromoform	31.4	QC2	µg/l		20.0	157	70-130			
Bromomethane	23.0		µg/l		20.0	115	14-172			
2-Butanone (MEK)	19.9		µg/l		20.0	99	28.6-137			
n-Butylbenzene	22.8		µg/l		20.0	114	70-130			
sec-Butylbenzene	23.0		µg/l		20.0	115	70-130			
tert-Butylbenzene	23.2		µg/l		20.0	116	70-130			
Carbon disulfide	26.6	QC1	µg/l		20.0	133	70-130			
Carbon tetrachloride	22.4		µg/l		20.0	112	70-130			
Chlorobenzene	22.9		µg/l		20.0	115	70-130			

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050832 - SW846 5030 Water MS										
LCS (8050832-BS1)										
Prepared & Analyzed: 12-May-08										
Chloroethane	23.2		µg/l		20.0		116	59.9-130		
Chloroform	21.4		µg/l		20.0		107	70-130		
Chloromethane	24.4		µg/l		20.0		122	70-130		
2-Chlorotoluene	23.4		µg/l		20.0		117	70-130		
4-Chlorotoluene	23.5		µg/l		20.0		118	70-130		
1,2-Dibromo-3-chloropropane	23.3		µg/l		20.0		117	70-130		
Dibromochloromethane	25.0		µg/l		20.0		125	70-130		
1,2-Dibromoethane (EDB)	20.7		µg/l		20.0		103	70-130		
Dibromomethane	21.3		µg/l		20.0		106	70-130		
1,2-Dichlorobenzene	23.8		µg/l		20.0		119	70-130		
1,3-Dichlorobenzene	24.3		µg/l		20.0		122	70-130		
1,4-Dichlorobenzene	23.5		µg/l		20.0		118	70-130		
Dichlorodifluoromethane (Freon12)	23.0		µg/l		20.0		115	59.1-169		
1,1-Dichloroethane	21.5		µg/l		20.0		107	70-130		
1,2-Dichloroethane	21.5		µg/l		20.0		108	70-130		
1,1-Dichloroethene	24.0		µg/l		20.0		120	70-130		
cis-1,2-Dichloroethene	21.7		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130		
1,2-Dichloropropane	20.7		µg/l		20.0		104	70-130		
1,3-Dichloropropane	20.6		µg/l		20.0		103	70-130		
2,2-Dichloropropane	17.6		µg/l		20.0		88	70-130		
1,1-Dichloropropene	21.7		µg/l		20.0		108	70-130		
cis-1,3-Dichloropropene	19.5		µg/l		20.0		97	70-130		
trans-1,3-Dichloropropene	18.8		µg/l		20.0		94	70-130		
Ethylbenzene	23.5		µg/l		20.0		117	70-130		
Hexachlorobutadiene	20.2		µg/l		20.0		101	58.8-136		
2-Hexanone (MBK)	18.7		µg/l		20.0		93	70-130		
Isopropylbenzene	22.2		µg/l		20.0		111	70-130		
4-Isopropyltoluene	23.9		µg/l		20.0		119	70-130		
Methyl tert-butyl ether	21.5		µg/l		20.0		107	70-130		
4-Methyl-2-pentanone (MIBK)	17.9		µg/l		20.0		90	63.2-130		
Methylene chloride	22.7		µg/l		20.0		114	70-130		
Naphthalene	22.6		µg/l		20.0		113	70-130		
n-Propylbenzene	23.2		µg/l		20.0		116	70-130		
Styrene	23.6		µg/l		20.0		118	70-130		
1,1,1,2-Tetrachloroethane	22.6		µg/l		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130		
Tetrachloroethene	22.5		µg/l		20.0		113	70-130		
Toluene	21.3		µg/l		20.0		106	70-130		
1,2,3-Trichlorobenzene	22.9		µg/l		20.0		114	70-130		
1,2,4-Trichlorobenzene	22.5		µg/l		20.0		112	70-130		
1,3,5-Trichlorobenzene	21.7		µg/l		20.0		109	70-130		
1,1,1-Trichloroethane	21.9		µg/l		20.0		109	70-130		
1,1,2-Trichloroethane	21.0		µg/l		20.0		105	70-130		
Trichloroethene	22.5		µg/l		20.0		113	70-130		
Trichlorofluoromethane (Freon 11)	26.5		µg/l		20.0		132	70-136		
1,2,3-Trichloropropane	23.7		µg/l		20.0		118	70-130		
1,2,4-Trimethylbenzene	24.0		µg/l		20.0		120	70-130		
1,3,5-Trimethylbenzene	23.7		µg/l		20.0		118	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050832 - SW846 5030 Water MS										
LCS (8050832-BS1)										
Prepared & Analyzed: 12-May-08										
Vinyl chloride	26.3	QC1	µg/l		20.0		132	70-130		
m,p-Xylene	48.5		µg/l		40.0		121	70-130		
o-Xylene	24.1		µg/l		20.0		120	70-130		
Tetrahydrofuran	17.4		µg/l		20.0		87	70-130		
Ethyl ether	23.3		µg/l		20.0		117	70-133		
Tert-amyl methyl ether	19.8		µg/l		20.0		99	70-130		
Ethyl tert-butyl ether	21.1		µg/l		20.0		105	70-130		
Di-isopropyl ether	20.0		µg/l		20.0		100	70-130		
Tert-Butanol / butyl alcohol	229		µg/l		200		115	70-130		
1,4-Dioxane	210		µg/l		200		105	42.2-144		
trans-1,4-Dichloro-2-butene	18.8		µg/l		20.0		94	70-130		
Ethanol	458		µg/l		400		115	70-130		
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*47.7*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*52.9*		µg/l		*50.0*		*106*	*70-130*		
LCS Dup (8050832-BSD1)										
Prepared & Analyzed: 12-May-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	26.4	QC2	µg/l		20.0		132	70-130	4	25
Acetone	26.9	QC2	µg/l		20.0		135	33.1-130	4	50
Acrylonitrile	21.0		µg/l		20.0		105	70-130	6	25
Benzene	19.9		µg/l		20.0		100	70-130	7	25
Bromobenzene	22.4		µg/l		20.0		112	70-130	5	25
Bromochloromethane	20.8		µg/l		20.0		104	70-130	6	25
Bromodichloromethane	22.1		µg/l		20.0		111	70-130	5	25
Bromoform	30.5	QC2	µg/l		20.0		152	70-130	3	25
Bromomethane	22.0		µg/l		20.0		110	14-172	4	50
2-Butanone (MEK)	18.9		µg/l		20.0		95	28.6-137	5	50
n-Butylbenzene	21.4		µg/l		20.0		107	70-130	6	25
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130	7	25
tert-Butylbenzene	22.1		µg/l		20.0		111	70-130	5	25
Carbon disulfide	24.4		µg/l		20.0		122	70-130	9	25
Carbon tetrachloride	20.8		µg/l		20.0		104	70-130	8	25
Chlorobenzene	22.0		µg/l		20.0		110	70-130	4	25
Chloroethane	21.8		µg/l		20.0		109	59.9-130	6	50
Chloroform	20.2		µg/l		20.0		101	70-130	5	25
Chloromethane	22.7		µg/l		20.0		114	70-130	7	25
2-Chlorotoluene	22.2		µg/l		20.0		111	70-130	5	25
4-Chlorotoluene	22.2		µg/l		20.0		111	70-130	6	25
1,2-Dibromo-3-chloropropane	22.7		µg/l		20.0		113	70-130	3	25
Dibromochloromethane	23.5		µg/l		20.0		118	70-130	6	50
1,2-Dibromoethane (EDB)	19.9		µg/l		20.0		100	70-130	4	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	4	25
1,2-Dichlorobenzene	22.4		µg/l		20.0		112	70-130	6	25
1,3-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	6	25
1,4-Dichlorobenzene	22.4		µg/l		20.0		112	70-130	5	25
Dichlorodifluoromethane (Freon12)	21.0		µg/l		20.0		105	59.1-169	9	50
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130	6	25
1,2-Dichloroethane	20.5		µg/l		20.0		102	70-130	5	25
1,1-Dichloroethene	22.5		µg/l		20.0		113	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 8050832 - SW846 5030 Water MS										
LCS Dup (8050832-BSD1)										
Prepared & Analyzed: 12-May-08										
cis-1,2-Dichloroethene	20.3		µg/l		20.0		101	70-130	7	25
trans-1,2-Dichloroethene	19.9		µg/l		20.0		100	70-130	7	25
1,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	5	25
1,3-Dichloropropane	19.8		µg/l		20.0		99	70-130	4	25
2,2-Dichloropropane	16.4		µg/l		20.0		82	70-130	8	25
1,1-Dichloropropene	20.1		µg/l		20.0		100	70-130	8	25
cis-1,3-Dichloropropene	18.6		µg/l		20.0		93	70-130	5	25
trans-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130	7	25
Ethylbenzene	22.0		µg/l		20.0		110	70-130	7	25
Hexachlorobutadiene	17.8		µg/l		20.0		89	58.8-136	13	50
2-Hexanone (MBK)	18.1		µg/l		20.0		90	70-130	3	25
Isopropylbenzene	21.0		µg/l		20.0		105	70-130	6	25
4-Isopropyltoluene	22.4		µg/l		20.0		112	70-130	7	25
Methyl tert-butyl ether	20.6		µg/l		20.0		103	70-130	4	25
4-Methyl-2-pentanone (MIBK)	17.3		µg/l		20.0		86	63.2-130	4	50
Methylene chloride	21.7		µg/l		20.0		109	70-130	4	25
Naphthalene	22.0		µg/l		20.0		110	70-130	3	25
n-Propylbenzene	21.8		µg/l		20.0		109	70-130	6	25
Styrene	22.3		µg/l		20.0		112	70-130	6	25
1,1,1,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130	5	25
1,1,2,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	3	25
Tetrachloroethene	21.1		µg/l		20.0		106	70-130	6	25
Toluene	20.0		µg/l		20.0		100	70-130	6	25
1,2,3-Trichlorobenzene	21.3		µg/l		20.0		107	70-130	7	25
1,2,4-Trichlorobenzene	20.9		µg/l		20.0		105	70-130	7	25
1,3,5-Trichlorobenzene	20.1		µg/l		20.0		101	70-130	8	25
1,1,1-Trichloroethane	20.4		µg/l		20.0		102	70-130	7	25
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	70-130	4	25
Trichloroethene	20.9		µg/l		20.0		104	70-130	8	25
Trichlorofluoromethane (Freon 11)	24.3		µg/l		20.0		121	70-136	9	50
1,2,3-Trichloropropane	23.1		µg/l		20.0		115	70-130	2	25
1,2,4-Trimethylbenzene	22.9		µg/l		20.0		115	70-130	4	25
1,3,5-Trimethylbenzene	22.2		µg/l		20.0		111	70-130	6	25
Vinyl chloride	24.0		µg/l		20.0		120	70-130	9	25
m,p-Xylene	46.0		µg/l		40.0		115	70-130	5	25
o-Xylene	22.8		µg/l		20.0		114	70-130	5	25
Tetrahydrofuran	16.6		µg/l		20.0		83	70-130	5	25
Ethyl ether	22.3		µg/l		20.0		111	70-133	5	50
Tert-amyl methyl ether	19.1		µg/l		20.0		96	70-130	3	25
Ethyl tert-butyl ether	20.3		µg/l		20.0		102	70-130	4	25
Di-isopropyl ether	18.9		µg/l		20.0		94	70-130	6	25
Tert-Butanol / butyl alcohol	218		µg/l		200		109	70-130	5	25
1,4-Dioxane	195		µg/l		200		97	42.2-144	8	25
trans-1,4-Dichloro-2-butene	18.5		µg/l		20.0		93	70-130	2	25
Ethanol	466		µg/l		400		117	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*47.6*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*52.3*		µg/l		*50.0*		*105*	*70-130*		

Matrix Spike (8050832-MS1) **Source: SA78209-01**

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050832 - SW846 5030 Water MS										
Prepared: 12-May-08 Analyzed: 13-May-08										
Benzene	13.8	QM7	µg/l		20.0	BRL	69	70-130		
Chlorobenzene	17.2		µg/l		20.0	BRL	86	70-130		
1,1-Dichloroethene	12.2	QM7	µg/l		20.0	BRL	61	70-130		
Toluene	15.0		µg/l		20.0	BRL	75	70-130		
Trichloroethene	15.3		µg/l		20.0	BRL	77	70-130		
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*47.5*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.4*		µg/l		*50.0*		*107*	*70-130*		
Matrix Spike Dup (8050832-MSD1) Source: SA78209-01										
Prepared: 12-May-08 Analyzed: 13-May-08										
Benzene	13.9		µg/l		20.0	BRL	70	70-130	1	30
Chlorobenzene	17.0		µg/l		20.0	BRL	85	70-130	1	30
1,1-Dichloroethene	12.5	QM7	µg/l		20.0	BRL	62	70-130	2	30
Toluene	15.2		µg/l		20.0	BRL	76	70-130	1	30
Trichloroethene	15.6		µg/l		20.0	BRL	78	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.3*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*53.1*		µg/l		*50.0*		*106*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050903 - SW846 3510C										
Blank (8050903-BLK1)										
Prepared: 13-May-08 Analyzed: 14-May-08										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	0.050						
Surrogate: 2-Fluorobiphenyl	*24.4*		µg/l		*50.0*		*49*	*30-130*		
Surrogate: Terphenyl-dl4	*23.0*		µg/l		*50.0*		*46*	*30-130*		
LCS (8050903-BS1)										
Prepared: 13-May-08 Analyzed: 14-May-08										
Acenaphthene	4.13		µg/l	0.050	5.00		83	40-140		
Acenaphthylene	4.70		µg/l	0.050	5.00		94	40-140		
1-Methylnaphthalene	4.49		µg/l	0.050	5.00		90	40-140		
Anthracene	4.35		µg/l	0.050	5.00		87	40-140		
Benzo (a) anthracene	4.55		µg/l	0.050	5.00		91	40-140		
Benzo (a) pyrene	4.85		µg/l	0.050	5.00		97	40-140		
Benzo (b) fluoranthene	5.42		µg/l	0.050	5.00		108	40-140		
Benzo (g,h,i) perylene	3.76		µg/l	0.050	5.00		75	40-140		
Benzo (k) fluoranthene	4.17		µg/l	0.050	5.00		83	40-140		
Chrysene	4.12		µg/l	0.050	5.00		82	40-140		
Dibenzo (a,h) anthracene	4.73		µg/l	0.050	5.00		95	40-140		
Fluoranthene	4.73		µg/l	0.050	5.00		95	40-140		
Fluorene	4.55		µg/l	0.050	5.00		91	40-140		
Indeno (1,2,3-cd) pyrene	4.79		µg/l	0.050	5.00		96	40-140		
2-Methylnaphthalene	4.92		µg/l	0.050	5.00		98	40-140		
Naphthalene	4.16		µg/l	0.050	5.00		83	40-140		
Phenanthrene	4.59		µg/l	0.050	5.00		92	40-140		
Pyrene	4.54		µg/l	0.050	5.00		91	40-140		
Surrogate: 2-Fluorobiphenyl	*3.66*		µg/l		*5.00*		*73*	*30-130*		
Surrogate: Terphenyl-dl4	*3.96*		µg/l		*5.00*		*79*	*30-130*		
Matrix Spike (8050903-MS1) **Source: SA78413-05**										
Prepared: 13-May-08 Analyzed: 14-May-08										
Acenaphthene	4.64		µg/l	0.050	5.56	BRL	84	40-140		
Benzo (b) fluoranthene	5.64		µg/l	0.050	5.56	BRL	102	40-140		
Benzo (k) fluoranthene	4.62		µg/l	0.050	5.56	BRL	83	40-140		
Chrysene	4.64		µg/l	0.050	5.56	BRL	84	40-140		
Indeno (1,2,3-cd) pyrene	5.60		µg/l	0.050	5.56	BRL	101	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 8050903 - SW846 3510C										
Matrix Spike (8050903-MS1) **Source: SA78413-05**										
Prepared: 13-May-08 Analyzed: 14-May-08										
Naphthalene	4.64		µg/l	0.050	5.56	BRL	84	40-140		
Pyrene	5.20		µg/l	0.050	5.56	BRL	94	40-140		
Surrogate: 2-Fluorobiphenyl	*4.13*		µg/l		*5.56*		*74*	*30-130*		
Surrogate: Terphenyl-dl4	*4.57*		µg/l		*5.56*		*82*	*30-130*		
Matrix Spike Dup (8050903-MSD1) **Source: SA78413-05**										
Prepared: 13-May-08 Analyzed: 14-May-08										
Acenaphthene	4.61		µg/l	0.050	5.56	BRL	83	40-140	0.7	20
Benzo (b) fluoranthene	5.98		µg/l	0.050	5.56	BRL	108	40-140	6	20
Benzo (k) fluoranthene	4.77		µg/l	0.050	5.56	BRL	86	40-140	3	20
Chrysene	4.59		µg/l	0.050	5.56	BRL	83	40-140	1	20
Indeno (1,2,3-cd) pyrene	5.57		µg/l	0.050	5.56	BRL	100	40-140	0.6	20
Naphthalene	4.63		µg/l	0.050	5.56	BRL	83	40-140	0.2	20
Pyrene	5.14		µg/l	0.050	5.56	BRL	93	40-140	1	20
Surrogate: 2-Fluorobiphenyl	*4.08*		µg/l		*5.56*		*73*	*30-130*		
Surrogate: Terphenyl-dl4	*4.46*		µg/l		*5.56*		*80*	*30-130*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050906 - SW846 3510C										
Blank (8050906-BLK1)										
Prepared & Analyzed: 13-May-08										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.180*		µg/l		*0.200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.173*		µg/l		*0.200*		*86*	*30-150*		
LCS (8050906-BS1)										
Prepared & Analyzed: 13-May-08										
PCB 1016	2.28		µg/l	0.200	2.50		91	40-140		
PCB 1260	2.24		µg/l	0.200	2.50		90	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.181*		µg/l		*0.200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.196*		µg/l		*0.200*		*98*	*30-150*		
LCS Dup (8050906-BSD1)										
Prepared & Analyzed: 13-May-08										
PCB 1016	2.33		µg/l	0.200	2.50		93	40-140	2	20
PCB 1260	2.32		µg/l	0.200	2.50		93	40-140	3	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.181*		µg/l		*0.200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.195*		µg/l		*0.200*		*97*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050904 - SW846 3510C										
Blank (8050904-BLK1)										
Prepared: 13-May-08 Analyzed: 14-May-08										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0429*		mg/l		*0.0500*		*86*	*50-150*		
LCS (8050904-BS1)										
Prepared: 13-May-08 Analyzed: 14-May-08										
C9-C36 Aliphatic Hydrocarbons	1.3		mg/l	0.05	1.40		92	60-120		
Surrogate: 1-Chlorooctadecane	*0.0440*		mg/l		*0.0500*		*88*	*50-150*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8050855 - SW846 3005A										
Blank (8050855-BLK1)										
Prepared & Analyzed: 14-May-08										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0055						
Chromium	BRL		mg/l	0.0050						
LCS (8050855-BS1)										
Prepared & Analyzed: 14-May-08										
Lead	1.14		mg/l	0.0075	1.25		91	85-115		
Selenium	1.27		mg/l	0.0150	1.25		102	85-115		
Cadmium	1.25		mg/l	0.0025	1.25		100	85-115		
Chromium	1.16		mg/l	0.0050	1.25		92	85-115		
Silver	1.17		mg/l	0.0050	1.25		94	85-115		
Barium	1.09		mg/l	0.0050	1.25		88	85-115		
Arsenic	1.17		mg/l	0.0040	1.25		94	85-115		
LCS Dup (8050855-BSD1)										
Prepared & Analyzed: 14-May-08										
Lead	1.14		mg/l	0.0075	1.25		91	85-115	0.09	20
Selenium	1.28		mg/l	0.0150	1.25		103	85-115	0.9	20
Silver	1.18		mg/l	0.0050	1.25		94	85-115	0.3	20
Barium	1.08		mg/l	0.0050	1.25		87	85-115	0.8	20
Chromium	1.16		mg/l	0.0050	1.25		93	85-115	0.5	20
Arsenic	1.18		mg/l	0.0040	1.25		94	85-115	0.6	20
Cadmium	1.27		mg/l	0.0025	1.25		102	85-115	1	20
Duplicate (8050855-DUP1)	**Source: SA78414-01**									
Prepared & Analyzed: 14-May-08										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Barium	0.205		mg/l	0.0050		0.203			1	20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	0.0025	J,QR8	mg/l	0.0040		0.0044			55	20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (8050855-MS1)	**Source: SA78418-01**									
Prepared & Analyzed: 14-May-08										
Lead	1.12		mg/l	0.0075	1.25	0.0055	89	75-125		
Selenium	1.30		mg/l	0.0150	1.25	0.0104	103	75-125		
Cadmium	1.24		mg/l	0.0025	1.25	BRL	99	75-125		
Barium	1.23		mg/l	0.0055	1.25	0.159	86	75-125		
Chromium	1.21		mg/l	0.0050	1.25	0.0129	96	75-125		
Arsenic	1.23		mg/l	0.0040	1.25	0.0030	99	75-125		
Silver	1.23		mg/l	0.0050	1.25	BRL	99	75-125		
Matrix Spike Dup (8050855-MSD1)	**Source: SA78418-01**									
Prepared & Analyzed: 14-May-08										
Selenium	1.30		mg/l	0.0150	1.25	0.0104	103	75-125	0.3	20
Lead	1.11		mg/l	0.0075	1.25	0.0055	89	75-125	0.4	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 8050855 - SW846 3005A										
Matrix Spike Dup (8050855-MSD1)	**Source: SA78418-01**									
Prepared & Analyzed: 14-May-08										
Chromium	1.20		mg/l	0.0050	1.25	0.0129	95	75-125	1	20
Arsenic	1.23		mg/l	0.0040	1.25	0.0030	98	75-125	0.4	20
Barium	1.21		mg/l	0.0055	1.25	0.159	84	75-125	2	20
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98	75-125	0.5	20
Silver	1.22		mg/l	0.0050	1.25	BRL	98	75-125	1	20
Post Spike (8050855-PS1)	**Source: SA78418-01**									
Prepared & Analyzed: 14-May-08										
Selenium	1.33		mg/l	0.0150	1.25	0.0104	105	80-120		
Lead	1.14		mg/l	0.0075	1.25	0.0055	91	80-120		
Silver	1.25		mg/l	0.0050	1.25	BRL	100	80-120		
Chromium	1.24		mg/l	0.0050	1.25	0.0129	98	80-120		
Barium	1.26		mg/l	0.0055	1.25	0.159	88	80-120		
Arsenic	1.26		mg/l	0.0040	1.25	0.0030	101	80-120		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	101	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 8050857 - EPA200/SW7000 Series										
Blank (8050857-BLK1)										
Prepared & Analyzed: 14-May-08										
Mercury	BRL		mg/l	0.00020						
LCS (8050857-BS1)										
Prepared & Analyzed: 14-May-08										
Mercury	0.00505		mg/l	0.00020	0.00500		101	85-115		
Duplicate (8050857-DUP1)	**Source: SA78418-01**									
Prepared & Analyzed: 14-May-08										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (8050857-MS1)	**Source: SA78418-02**									
Prepared & Analyzed: 14-May-08										
Mercury	0.00507		mg/l	0.00020	0.00500	BRL	101	75-125		
Matrix Spike Dup (8050857-MSD1)	**Source: SA78418-02**									
Prepared & Analyzed: 14-May-08										
Mercury	0.00573		mg/l	0.00020	0.00500	BRL	115	75-125	12	20
Post Spike (8050857-PS1)	**Source: SA78418-02**									
Prepared & Analyzed: 14-May-08										
Mercury	0.00548		mg/l	0.00020	0.00500	BRL	110	85-115		

Notes and Definitions

QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R02	Elevated Reporting Limits due to limited sample volume.
S04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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, waste automobile oil and hydraulic 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: Conn Dot Farmington Rt 4 - Parsons, CT	Conn Dot Farmington Rt 4 - Parsons, CT/ 03-273-03E
This Form Provides certifications for the following data set: SA78418-01 SA78418-02 SA78418-03 SA78418-04 SA78418-05 SA78418-06 SA78418-07 SA78418-08	List Specific Analytical Methods Used: +CT ETPH EPA 245.1/7470A SW 846 8260B SW846 6010B SW846 8082 SW846 8270C/EPA 625 :
Sample Matrices: Aqueous	

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: 5/16/2008

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

* Reportable Detection Limit BRL = Below Reporting Limit

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA **Client:** Diversified Technology Consultants

Project Location: Conn Dot Farmington Rt 4 - Parsons, CT **Project Number:** 03-273-03E

Sampling Date(s): 08-May-08

Laboratory Sample ID(s): SA78418-01 through SA78418-08

RCP Methods Used: +CT ETPH EPA 245.1/7470A SW 846 8260B SW846 6010B SW846 8082 SW846 8270C/EPA 625

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * ** These methods have not yet been approved for release by CT DEP*	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature?	☐ Yes ☑ No ☐ N/A
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? ** Exceptions are defined by qualifiers*	☑ Yes ☐ No ☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

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

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

Date: 5/16/2008

8A78418

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days.
- ☑ Rush TAT - Date Needed 4 days
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
556 Washington Ave
North Haven, CT 06473

Project Mgr.: Chris Koelle

Invoice To: Richard Hathaway

P.O. No.: ____ RQN: ____

Project No.: 03-273-03E
Site Name: ConnDOT Farmington Rt4-Parsons
Location: Farmington State: CT
Sampler(s): J. Klappholz / J. Banway

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= Ice 10=

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

G=Grab C=Composite

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

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

State specific reporting standards: SWPC, GWPC, RSVC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs (8260)	ETPH	Total RCRA Metals	PAHs	PCBs				
8C418 01	MW-1	5/8/08	1225		GW	2/4/9	2	[illegible]		1		X	[illegible]	X	[illegible]	[illegible]				
-02	MW-2		1406		GW	2/4/9	2	2		1		X	X	X	X	X				
-03	MW-3		1435		GW	2/9	2					X								
-04	MW-4		1400		GW	2/4/9	2	2		1		X	X	X	X	X				
-05	MW-5		1100		GW	2/4/9	2	2		1		X	X	X	X	X				
-06	Duplicate		—		GW	2/4/9	2	2		1		X	X	X	X	X				
-07	Field Blank		1525			2/4/9	2	2		1		X	X	X	X	X				
-08	Trip Blank	↓	—			2/9	1					X								

☐ Fax results when available to (____) ____
☑ E-mail to chris.koelle@teamdtc.com
EDD Format ____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 8.5C

Relinquished by:	Received by:	Date:	Time:
Jay P Klappholz	[illegible]	5/9/08	2:40PM
DEC	[illegible]	5/9/08	1627

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

APPENDIX E

Geophysical Survey Report prepared by Hager-Richter Geoscience, Inc.

HAGER-RICHTER
GEOSCIENCE, INC.

GEOPHYSICAL SURVEY
PARSONS PROPERTY
750 FARMINGTON AVENUE
FARMINGTON, CONNECTICUT

Prepared for:

Diversified Technology Consultants
556 Washington Avenue
North Haven, Connecticut 06473

Prepared by:

Hager-Richter Geoscience, Inc.
846 Main Street
Fords, New Jersey 08863

File 08AM10
May, 2008

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HAGER-RICHTER
GEOSCIENCE, INC.

CONSULTANTS IN GEOLOGY AND GEOPHYSICS
846 MAIN STREET
FORDS, NEW JERSEY
TELEPHONE (731) 661-0555
FAX (731) 661-0123

May 5, 2008
File 08AM10

Ethan Stewart
Diversified Technology Consultants
556 Washington Avenue
North Haven, Connecticut 06473

RE: Geophysical Survey
Parsons Property
750 Farmington Avenue
Farmington, Connecticut

Dear Mr. Stewart:

In this report, we summarize the results of a geophysical survey conducted on April 22, 2008 by Hager-Richter Geoscience, Inc. (H-R) at the above referenced site for Diversified Technology Consultants (DTC). The scope of the survey and areas of interest were specified by DTC. The geophysical survey is part of an environmental investigation by DTC.

INTRODUCTION

The site is an inactive former vehicle dealership located at 750 Farmington Avenue in Farmington, Connecticut. Figure 1 shows the general location of the site. The site includes a main dealership building and two support buildings. The exterior areas are mainly paved with asphalt.

Concrete pads are located at the rear of the main building and in an alley on the south side of the southern support building. Two vent and fill ports are associated with the concrete pad at the rear of the main building, and one set of vent and fill pipes is associated with the pad in the alley at the south end of the southern support building.

DTC specified an area of interest (AOI) that included the exterior paved areas at the rear of the main site building and the areas around the two support buildings. Figure 2 shows the approximate location of the AOI. DTC was interested in determining whether underground storage tanks (USTs) and other subsurface structures are present in the accessible portions of the AOI.

OBJECTIVES

The objectives of the geophysical survey were to detect, and if detected, to locate possible USTs and other subsurface structures in the accessible exterior portions of the AOI.

THE SURVEY

José Carlos Cambero Calzada and Isiah Carl Smith of Hager-Richter conducted the field operations on April 22, 2008. The project was coordinated with Mr. Ethan Stewart of DTC. Ms. Joy Klappholz, also of DTC, was present on site and specified the AOI for the geophysical survey.

The geophysical survey was conducted using three complementary geophysical methods: time domain electromagnetic induction (EM61), ground penetrating radar (GPR), and precision utility location (PUL). The EM61 data were acquired at approximately 8-inch intervals along lines spaced 5 feet apart in the accessible portions of the area of interest. The EM survey detects and outlines areas containing buried metal. However, the EM method cannot provide information on the type of objects causing EM anomalies. In order to aid in the identification of the objects, GPR data were acquired along lines spaced 2.5 feet apart in one direction and 5 feet apart in the perpendicular direction, across the accessible portions of the AOI. The GPR system was used with a 250 MHz antenna and a 60 ns[1] time window. The GPR is useful for detecting and identifying both metallic and non-metallic subsurface objects. A PUL survey was conducted to aid in detecting possible subsurface utilities.

EQUIPMENT AND PROCEDURES

EM61. For the EM61 survey, we used a Geonics EM61-MK2 time domain electromagnetic induction metal detector. The EM61 is a time-domain electromagnetic induction type instrument designed specifically for detecting buried metal objects. An air-cored 1-meter by ½-meter transmitter coil generates a pulsed primary magnetic field in the earth, thereby inducing eddy currents in nearby metal objects. The decay of the eddy current produces a secondary magnetic field that is sensed by two receiver coils, one coincident with the transmitter and one positioned 40 cm above the main coil. By measuring the secondary magnetic field after the current in the ground has dissipated but before the current in metal objects has dissipated, the instrument responds only to the secondary magnetic field produced by metal objects. Four channels of secondary response are measured in mV and are recorded on a digital data logger. The system is generally operated by pushing the coils as a wagon with an odometer mounted on the axle to trigger the data logger automatically at approximately 8-inch intervals.

---

[1]ns, abbreviation for nanosecond, 1/1,000,000,000 second. Light and the GPR signal require about 1 ns to travel 1 ft in air. The GPR signal requires about 3.5 ns to travel 1 ft in unsaturated sandy soil.

GPR. The GPR survey was conducted using a Sensors & Software Smart Cart Noggin Plus digital subsurface interface radar system. The GPR unit includes a survey wheel, which provides data at a uniform horizontal scale, increasing the precision of locating subsurface objects over that of units without the survey wheel. The system was used with a 250 MHZ antenna and a 60 ns[1] time window.

GPR uses a high-frequency electromagnetic pulse (referred to herein as "radar signal") transmitted from a radar antenna to probe the subsurface. The transmitted radar signals are reflected from subsurface interfaces of materials with contrasting electrical properties. The travel times of the radar signal can be converted to *approximate* depth below the surface by correlation with targets of known depths, including stratigraphic horizons, pipes, cables, and other utilities, or by using handbook values of velocities for the materials in the subsurface. The acquisition of GPR data was monitored in the field on a graphic recorder and the real time images were immediately available for field use. The GPR data was also recorded digitally for subsequent processing. Interpretation of the records is based on the nature and intensity of the reflected signals and on the resulting patterns.

PUL. The PUL survey was conducted using a precision electromagnetic pipe and cable locator, Radiodetection RD4000 series. The RD4000 series consists of separate transmitter and receiver. The system can be used in "passive" and "active" modes to locate buried pipes by detecting electromagnetic signals carried by the pipes. In the "passive" mode, only the receiver unit is used to detect signals carried by the pipe from nearby power lines, live signals transmitted along underground power cables, or very low frequency radio signals resulting from long wave radio transmissions that flow along buried conductors. In the "active" mode of operation, the transmitter is used to induce a signal on a target pipe, and the receiver is used to trace the signal along the length of the pipe. Our system uses a 10W transmitter.

LIMITATIONS OF THE METHODS

HAGER-RICHTER GEOSCIENCE, INC. MAKES NO GUARANTEE THAT ALL SUBSURFACE TARGETS OF INTEREST WERE DETECTED IN THIS SURVEY. HAGER-RICHTER GEOSCIENCE, INC. IS NOT RESPONSIBLE FOR DETECTING SUBSURFACE TARGETS THAT NORMALLY CANNOT BE DETECTED BY THE METHODS EMPLOYED OR THAT CANNOT BE DETECTED BECAUSE OF SITE CONDITIONS. GPR SIGNAL PENETRATION MAY NOT BE DEEP ENOUGH TO DETECT SOME TARGETS. HAGER-RICHTER GEOSCIENCE, INC. IS NOT RESPONSIBLE FOR MAINTAINING FIELD MARKOUTS AFTER LEAVING THE WORK AREA. DTC UNDERSTANDS THAT MARK-OUTS MADE DURING INCLEMENT WEATHER OR IN AREAS OF HIGH PEDESTRIAN OR VEHICULAR TRAFFIC MAY NOT LAST.

EM61. All electromagnetic geophysical methods, including the EM method used here, are affected by the presence of power lines and surface metal objects (steel sided buildings, dumpsters, vehicles, railroad tracks, reinforced concrete, etc.). Where such are present, the effects of materials in the subsurface may be masked, and firm conclusions about subsurface conditions cannot be made.

Detection and identification should be clearly differentiated. Detection is the recognition of the presence of a metal object, and the electromagnetic method is excellent for such purposes. Identification, on the other hand, is determination of the nature of the causative body (i.e., what is the body -- a cache of drums, UST, automobile, white goods, etc.?). Although the EM61 data cannot be used to *identify* buried metal objects, they provide excellent guides to the identification of some objects. For example, buried metal utilities produce anomalies with lengths many times their widths.

GPR. There are limitations of the GPR technique as used to detect and/or locate targets such as those of the objectives of this survey: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical properties of the target and the surrounding soil, and (4) spacing of the traverses. Of these restrictions, only the last is controllable by us.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with snow piles, high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, especially inside buildings, and a target may not be detectable. The GPR method also commonly does not provide useful data under canopies found at some facilities. GPR surveys inside buildings may be severely constrained by space limitations and interference from above-grade structures.

The electrical conductivity of the ground determines the attenuation of the GPR signals, and thereby limits the maximum depth of exploration. For example, the GPR signal does not penetrate clay-rich soils, and targets buried in clay might not be detected.

A definite contrast in the electrical conductivities of the surrounding ground and the target material is required to obtain a reflection of the GPR signal. If the contrast is too small, possibly due to construction details or deeply corroded metal in the target, then the reflection may be too weak to recognize and the target can be missed. In many cases, plastic, clay, asbestos concrete (transite), brick-lined, stone-lined, and other non-metallic utilities cannot be detected.

Spacing of the traverses is limited by access at many sites, but where flexibility of traverse spacing is possible, the spacing is adjusted to the size of the target. The GPR operator

controls the spacing between lines, and the design of the survey is based on the dimensions of the smallest feature of interest. Targets with dimensions smaller than the spacing between GPR survey lines can be missed.

PUL. The PUL equipment cannot detect non-metallic utilities, such as pipes constructed of vitrified clay, transite, plastic, PVC, fiberglass, and unreinforced concrete, when used in passive mode alone. Such pipes can be detected if a wire tracer is installed with access to such tracer for transmission of a signal or where access (such as floor drains and clean-outs) permits insertion of a device on which a signal can be transmitted.

In some, but not all, cases, the subsurface utility designation equipment cannot detect metal utilities reliably under reinforced concrete because the signal couples onto the metal reinforcing in the concrete. Similarly, the method commonly cannot be used adjacent to grounded metal structures such as chain link fences and metal guardrails.

In congested areas, where several utilities are bundled or located within a short distance, the signal transmitted on one utility can couple onto adjacent utilities, and the accuracy of the location indicated by the instrument decreases.

RESULTS

The geophysical survey was conducted using EM61 and GPR across the accessible portions of the specified AOI. The PUL was also used in addition to EM61 and GPR. Figure 3 is a color contour plot showing the results of the EM61 survey, and Figure 4 shows the approximate limits of the area surveyed with EM61 and GPR, and the integrated interpretation of the geophysical data.

EM61. Interpretation of EM data is based on the relative response of the instrument in millivolts to local conditions. The instrument is not calibrated to provide an absolute measure of a particular property, such as the conductivity of the soil or the strength of the earth's magnetic field. Subsurface metal objects produce sharply defined positive anomalies when the EM61 is positioned directly over them. Acquiring data at short intervals along closely spaced lines, as was done at the subject site, provides high spatial resolution of the location and footprint of the targets. Thus, buried metal is recognized in contour plots of EM data by positive anomalies roughly corresponding to the dimensions of the buried metal.

As noted in the introduction, two concrete pads including UST fill ports and vent pipes were present in the AOI. A concrete pad enclosing two fill ports and two vent pipes was located adjacent to the rear wall of the main building. A second concrete pad including a fill port and a vent pipe was present in an alley located next the southwest wall of a building located southwest

of the main building. High-amplitude EM response anomalies were detected at the locations of the two concrete pads. High amplitude EM anomalies consistent with the size and shape of a possible UST were also detected near the north corner of the main building, where no fill port or vent pipe was visible.

Several small moderate amplitude EM anomalies attributed to buried metal are also present, but their shape and size are not consistent with a possible UST. A semicircular low amplitude EM anomaly was also detected in the central portion of the AOI. Several linear EM anomalies on Figure 3 are interpreted as possible metallic utilities.

Surface metal objects also produce positive EM anomalies. Surface metal in buildings, metal fences, drains, and manholes were present in the AOI. We note that the presence or absence of subsurface metal in such areas cannot be determined on the basis of the EM data alone due to the anomaly caused by the surface metal object.

GPR. Apparent GPR signal penetration for most of the area of interest was fair with reflections received for about 25-40 nsec. Based on handbook time-to-depth conversions for the GPR signal in average soils, the GPR signal penetration is estimated to have been approximately 3 - 5 feet.

GPR reflections typical of USTs were detected at the location of the concrete pads described in the EM61 section. Two possible USTs were detected under the pad at the rear of the main building, and one possible UST was detected under the pad in an alley on the south side of the southern support building.

The GPR records also exhibit reflections typical of three possible USTs at the location of moderate to high amplitude EM anomalies at the north end of the AOI. The locations of the possible USTs are shown in Figure 4. Whether other USTs occur at a depth greater than the effective depth of penetration of the GPR signal (approximately 3 -5 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data.

GPR data acquired at locations of other high amplitude EM anomalies did not indicate the presence of a possible UST. A possible buried vault and a larger metallic subsurface structure located near to the north corner of the main building were detected. We cannot determine the type of structure causing the rectangular EM anomaly located adjacent to the north corner of the main building due to the absence of significant reflections in the GPR records at the location of such anomaly.

The GPR records also exhibit flat reflections for shallow possible structures located in areas with no EM61 anomalies indicating buried metal. The non-metallic structures might be

remnants of foundation elements or buried pads that do not contain metal, and their locations are shown on Figure 4. The GPR records for the area of a semicircular low amplitude EM anomaly did not exhibit reflections typical of buried walls, former foundations or filled areas, so the cause of the anomaly is not known..

The GPR results confirmed the presence of possible utilities detected with the EM61 and PUL methods. Other non-metallic utilities and scattered small buried objects were also detected with the GPR as shown in Figure 4.

PUL. The PUL transmitter was attached to known utilities where possible. Live electric signals were searched for by the PUL receiver in 'passive' mode. The locations of electric, drain and unidentified utilities were determined. The PUL was also used to track the accessible UST vent pipes, but the quality of the signal was poor due to the presence of reinforced concrete pads on top of the possible USTs.

CONCLUSIONS

Based on the geophysical survey performed by Hager-Richter Geoscience, Inc. at 750 Farmington Avenue in Farmington, Connecticut, we conclude that:

- Six possible USTs were detected in the AOI. No other UST with: (1) electrical properties to produce an EM61 anomaly or sufficiently contrasting with the surrounding soils to produce GPR reflections, or (2) a capacity of 500 gallons or more was detected within the effective depth of penetration of the GPR signal. *Whether a UST occurs at a depth greater than the effective depth of penetration of the GPR signal (approximately 3-5 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data.*

- A possible buried vault and a metallic subsurface rectangular structure were detected.

- Three rectangular non-metallic unidentified buried structures were detected.

- A semicircular metallic structure was detected.

- Segments of possible utilities and scattered small buried objects were detected.

LIMITATIONS ON USE OF REPORT

This letter report was prepared for the exclusive use of Diversified Technology Consultants (Client). No other party shall be entitled to rely on this Report or any information, documents, records, data, interpretations, advice or opinions given to the Client by Hager-Richter Geoscience, Inc. (H-R) in the performance of its work. The Report relates solely to the specific project for which H-R has been retained and shall not be used or relied upon by the Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of H-R. Any unpermitted use by the Client or any third party shall be at the Client's or such third party's own risk and without any liability to H-R.

H-R has used reasonable care, skill, competence and judgment in the performance of its services for this project consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by H-R should be understood to be exploratory and interpretational in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

Except as expressly provided in this limitations section, H-R makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

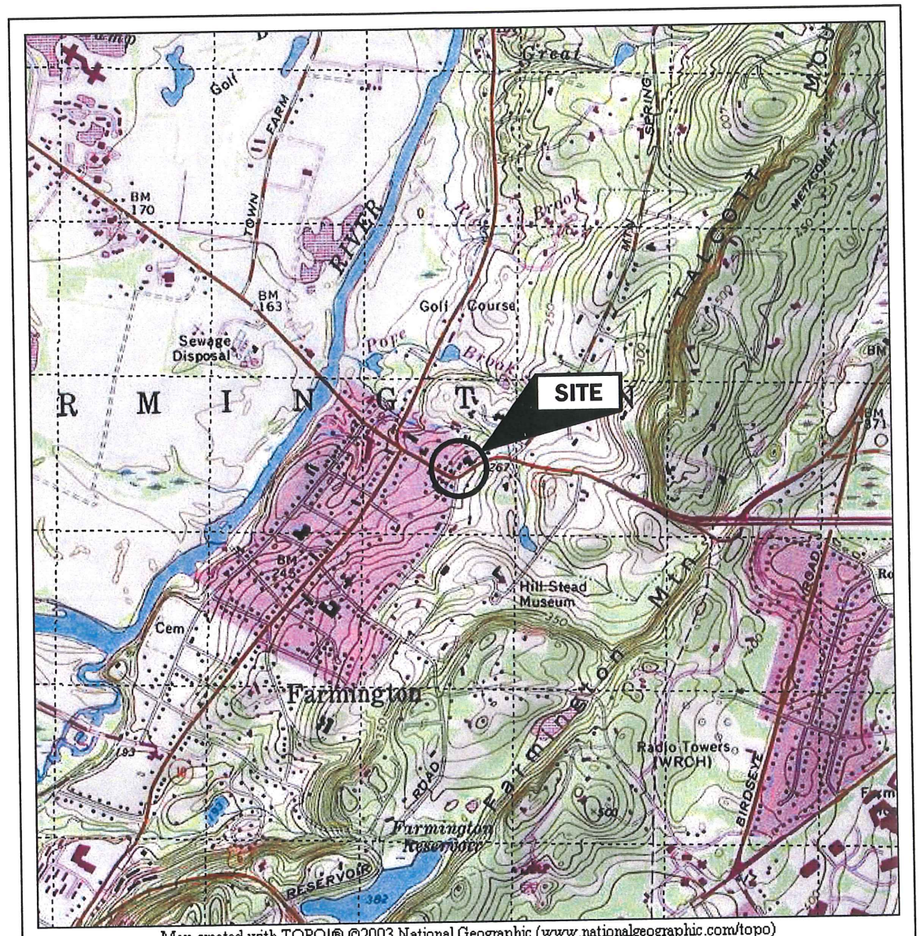
If you have any questions or comments on this letter report, please contact us at your convenience. It has been a pleasure to work with DTC on this project. We look forward to working with you again in the future.

Sincerely yours,
HAGER-RICHTER GEOSCIENCE, INC.

José Carlos Cambero Calzada
Senior Geophysicist

Dorothy Richter, P.G.
President

Attachments: Figures 1 - 4



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

LOCATION

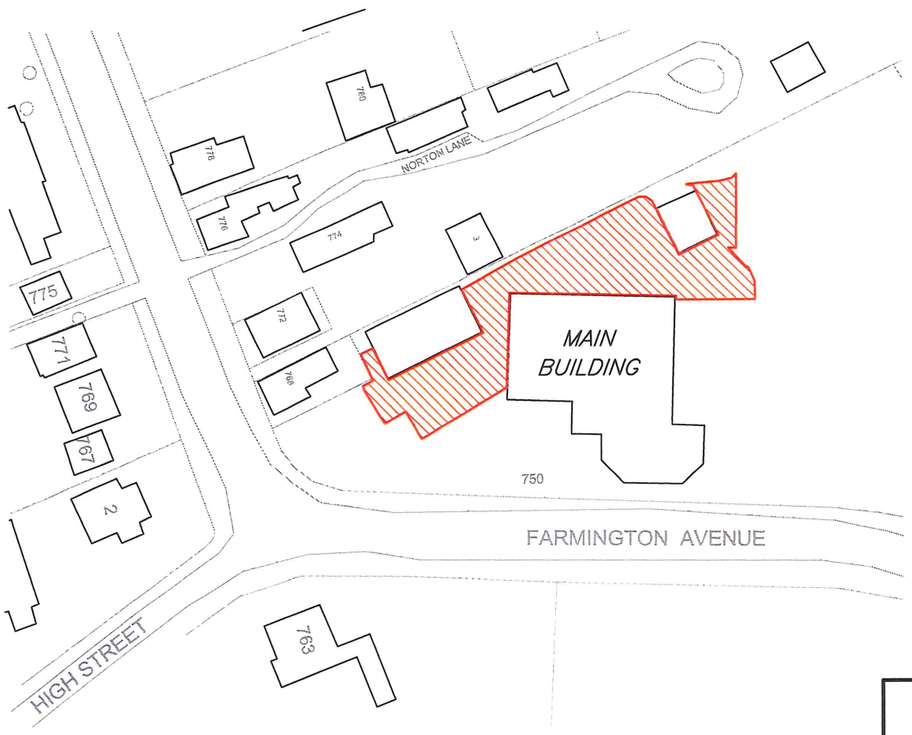
SCALE (feet)

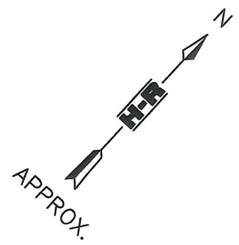
0 2000 4000

Figure 1
General Site Location
Parsons Property
750 Farmington Avenue
Farmington, Connecticut

File 08AM10	May, 2008

HAGER–RICHTER GEOSCIENCE, INC.
Fords, New Jersey





LEGEND

APPROXIMATE LIMITS OF GEOPHYSICAL SURVEY AREA

NOTE:

Modified from site plan provided by Diversified Technology Consultants.

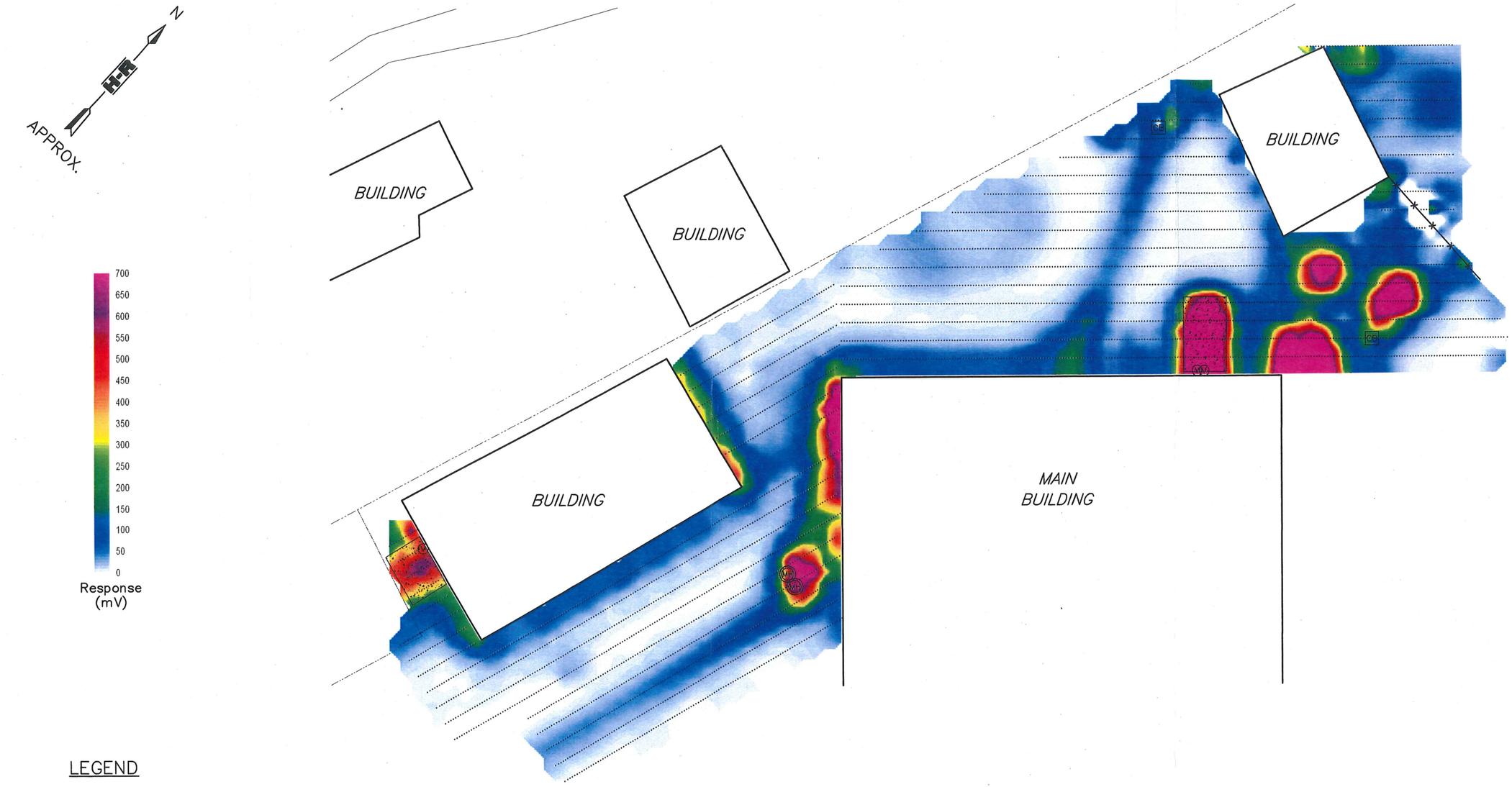
SCALE (feet)

0 120 240

Figure 2
Site Plan
Parsons Property
750 Farmington Avenue
Farmington, Connecticut

File 08AM10	May, 2008

HAGER-RICHTER GEOSCIENCE, INC.
Fords, New Jersey



LEGEND

- DATA STATIONS
- MANHOLE
- CATCH BASIN
- VENT
- REINFORCED CONCRETE PAD
- FENCE

SCALE (feet)

0 30 60

NOTES:

1. Modified from site plan provided by Diversified Technology Consultants.
2. Data were acquired with Geonics EM61–MK2. Differential response shown.
3. Differential response equals top coil response – bottom coil response.

Figure 3
EM Survey
Parsons Property
750 Farmington Avenue
Farmington, Connecticut

File 08AM10	May, 2008

HAGER–RICHTER GEOSCIENCE, INC.
Fords, New Jersey

LEGEND

- APPROXIMATE LIMITS OF EM SURVEY AREA
- GPR TRAVERSE
- POSSIBLE UST
- AREA OF POSSIBLE BURIED METAL
- EM ANOMALY ATTRIBUTED TO EFFECTS OF SURFACE OBJECTS. THE PRESENCE OR ABSENCE OF BURIED METAL WITHIN THIS AREA CANNOT BE DETERMINED ON THE BASIS OF THE EM61 DATA ALONE.
- E — ELECTRIC LINE
- D — DRAIN LINE
- V — VENT LINE
- POSSIBLE UTILITY
- UNIDENTIFIED BURIED METALLIC STRUCTURE
- NON METALLIC BURIED STRUCTURE
- V — POSSIBLE BURIED VAULT
- × — UNIDENTIFIED BURIED OBJECT
- MH — MANHOLE
- CB — CATCH BASIN
- V — VENT
- REINFORCED CONCRETE PAD
- FENCE

SCALE (feet)

0 30 60

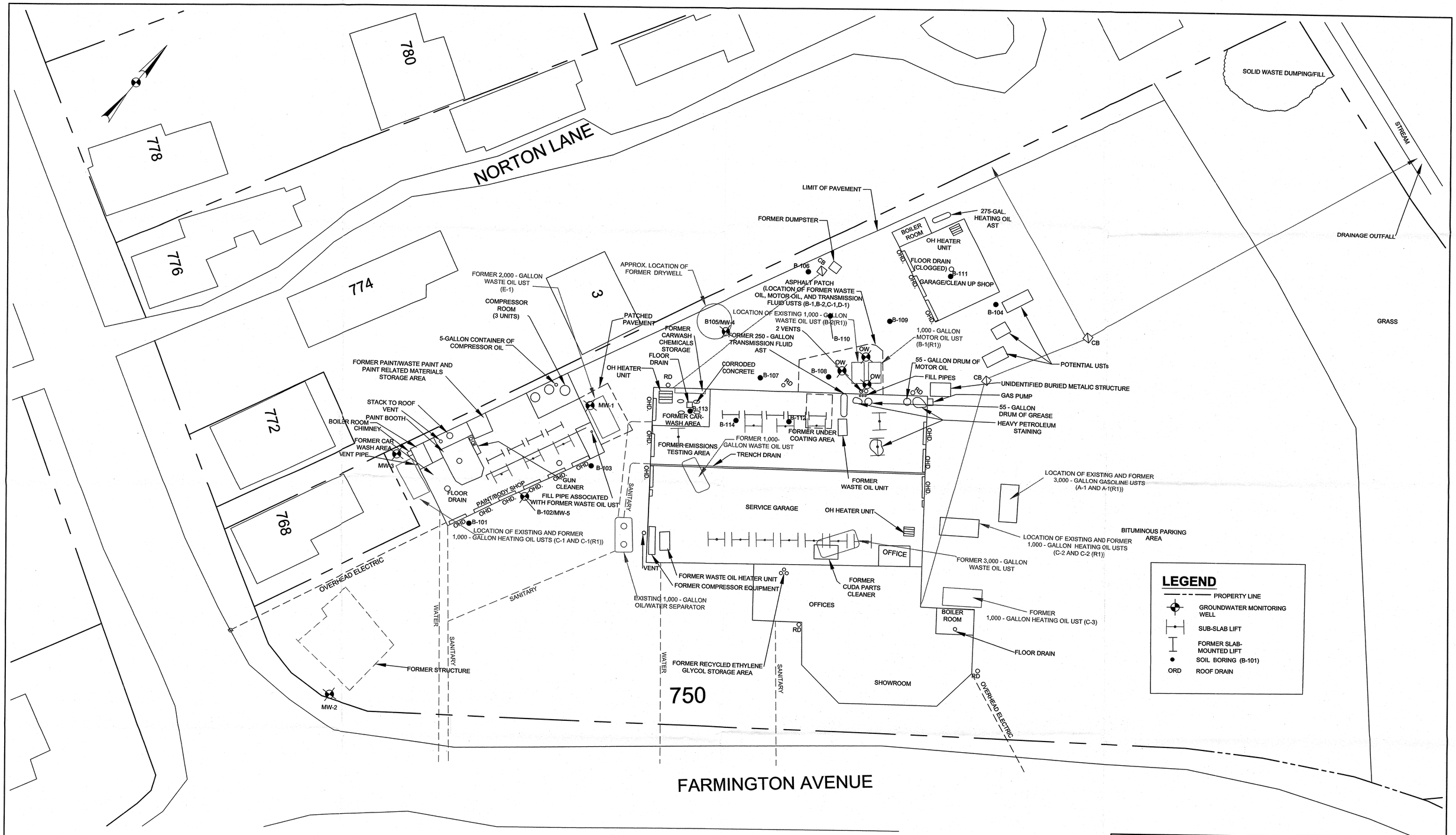
NOTE:

Modified from site plan provided by Diversified Technology Consultants.

Figure 4
GPR Survey &
Integrated Interpretation
Parsons Property
750 Farmington Avenue
Farmington, Connecticut

File 08AM10	May, 2008

HAGER–RICHTER GEOSCIENCE, INC.
Fords, New Jersey



NOTES :

1. BASE MAP FOR THIS SITE PLAN WAS PREPARED USING THE TOWN OF FARMINGTON TAX ASSESSOR'S MAP AND SITE PLANS PROVIDED IN REPORTS PREPARED BY PAYNE ENVIRONMENTAL (FEBRUARY 2005, MAY 2005, AND DECEMBER 2005) AND WESTON SOLUTIONS (FEBRUARY 1995).
2. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY OTHERS.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

DTC PROJECT NUMBER: 03-273-03E
DTC DRAWING FILE: 0327303E-FIGURE 2.dwg
SCALE: 1"=20'
DRAWN BY: EMS
DATE: 05/30/08
CHECKED BY: CK

dtc

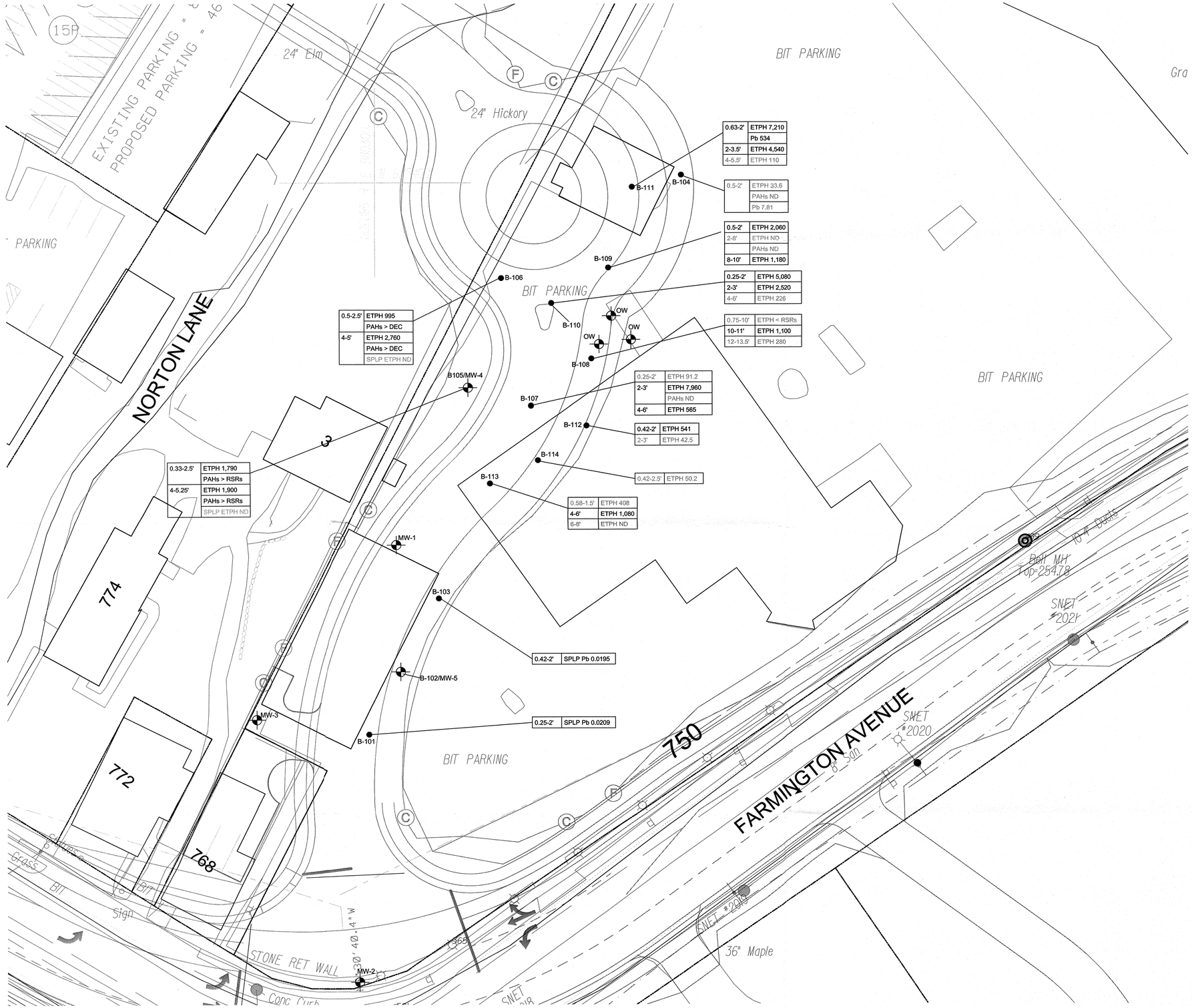
DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4200 203 234 7376 FAX

TASK 210
SUBSURFACE SITE INVESTIGATION
FORMER PARSONS CHEVROLET PROPERTY
SOIL BORING AND MONITORING WELL LOCATIONS

750 FARMINGTON AVENUE
FARMINGTON, CT

FIGURE 2

Jun 12, 2008 - 4:07pm
C:\DOCUMENTS\STAXSF\g_STRY\LOCALS~1\Temp\AcPublish_1940\0327303E-FIGURE 2.dwg
ed.bruchowski



LEGEND

— · — · —	PROPERTY LINE
	GROUNDWATER MONITORING WELL
	SUB-SLAB LIFT
	FORMER SLAB-MOUNTED LIFT
●	SOIL BORING (B-101)
ORD	ROOF DRAIN
ETPH 1,080	EXCEEDS RSR CRITERIA
ETPH ND	LESS THAN RSR CRITERIA

NOTES:

- SITE PLAN BASED ON CONSTRUCTION/SURVEY PLAN PROVIDED BY CONNDOT.

DTC PROJECT NUMBER: 03-273-03E
DTC DRAWING FILE: 0327303E-FIGURE 3
SCALE: 1"=20'
DRAWN BY: EMS
DATE: 5/30/2008
CHECKED BY: JK

DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4200 203 234 7376 FAX

TASK 210
SUBSURFACE SITE INVESTIGATION
FORMER PARSONS CHEVORLET PROPERTY
APPROX. EXTENT OF CONTAMINATED SOIL

750 FARMINGTON AVENUE
FARMINGTON, CT

FIGURE 3

ed.struchowski
Jun 19, 2008 at 2:19pm
R:\03273- CTDOT Envir ONCALL\03273-03E-Route 4 Farmington\101\Task 210\0327303E-FIGURE 3.dwg