
TASK 210 Subsurface Site Investigation

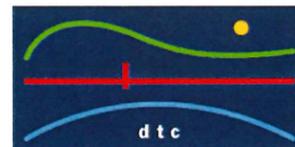


Former Parsons Chevrolet Property
750 Farmington Avenue
Farmington, CT

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

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DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
NORTH HAVEN, CT, NORWICH, CT & ANDOVER, MA

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FORMER PARSONS CHEVROLET PROPERTY

750 FARMINGTON AVENUE

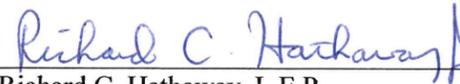
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1.0 INTRODUCTION

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) at the former Parsons Chevrolet Property (Parsons) located at 750 Farmington Avenue in Farmington, Connecticut. The purpose of this Task 210 SSI was to evaluate the portions of the site outside of the taking area and slope easement limits of the proposed roadway, located within the western portion of the site. DTC previously completed a Task 210 SSI in June 2008 that was limited to the taking area and slope easement limits of the proposed roadway.

This report provides a brief description and environmental history of the subject parcel, a discussion of the local environment and receptors, the investigation rationale for this Task 210 SSI, a summary of the data obtained during this Task 210 SSI, 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 and a Task 210 SSI for the taking area and slope easement limits of the proposed roadway. ConnDOT obtained the western portion of the site in August 2008, by Notice of Condemnation.

The purpose of this Task 210 SSI is to evaluate whether soil and/or groundwater within the portions of the site beyond the taking area and slope easement limits of the proposed roadway 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. Please note that the Tax Assessor's information has not been updated to reflect the recent acquisition of the western portion of the property by the State. The taking area and slope easement limits occupy approximately 0.58 acres. The remainder of the site, which is the subject of this Task 210 SSI, has been reduced to approximately 2.6 acres. 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 EPA 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 the previous subsurface investigation reports and DTC's May 2008 Task 120 PSE and June 2008 Task 210 SSI (for the taking parcel) 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 a 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 borings and installed three groundwater 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, northern corner of main building (beyond the taking area)
- PRA 2* Hydraulic Lifts (both within and beyond the 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 (beyond the taking area)
- 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) (beyond the taking area)
- PRA 8* Two Former 2,000-gallon Motor Oil USTs, West of Main Building; identified as B-1 and B-2 (both within and beyond the taking area)
- PRA 9* Existing 1,000-gallon Motor Oil UST, West of Main Building; identified as B-1(R1) (both within and beyond the taking area)
- PRA 10* Existing 1,000-gallon Waste Oil UST, West of Main Building; identified as B-2(R1) (both within and beyond the taking area)
- PRA 11* Former 1,000-gallon Auto Transmission Fluid UST, West of Main Building; identified as C-1 (both within and beyond the 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) (beyond the taking area)
- PRA 13* Former 1,000-gallon Heating Oil UST, East of Showroom/Boiler Room of Main Building; identified as C-3 (beyond the taking area)
- PRA 14* Former 2,000-gallon Waste Oil UST, West of Main Building; identified as D-1 (both within and beyond the 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 (both within and beyond the taking area)
- PRA 24* Potential Fill Material of Unknown Quality (both within and beyond the taking area)
- PRA 25* Lead Paint (both within and beyond the taking area)
- PRA 26* Solid Waste Dumping/Fill, Northwest Corner of Property (beyond the taking area)

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

DTC, Task 210 Subsurface Site Investigation, Former Parsons Chevrolet, dated June 2008

DTC completed a Task 210 SSI on behalf of ConnDOT, the purpose of which was to collect soil and groundwater samples from within the limits of the taking area and slope easement limits to evaluate whether soil and/or groundwater contained 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 ground penetrating radar (GPR) survey/subsurface utility and product line mark out, completion of 14 borings (four within the on-site buildings), installation of two monitoring wells, and the collection and analysis of 38 soil and five groundwater samples (from the two newly-installed and three existing monitoring wells).

DTC contracted with Hager-Richter Geoscience, Inc. (H-R) of Fords, New Jersey to complete the GPR survey and to mark out the locations of subsurface utilities and product lines within the proposed taking area and slope easement limits

The purpose of the GPR survey/subsurface utility and product line mark out was to (1) confirm the location and orientation of the existing 1,000-gallon heating oil, motor oil, and waste oil USTs, (2) confirm that the former heating oil, motor oil, transmission fluid, and waste oil USTs had been

removed, (3) evaluate the potential for the 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.

Based on the results of the GPR survey, the existence of each of the 1,000-gallon heating oil, motor oil, and waste oil USTs was confirmed and the location/configuration of each was marked in the field with spray paint. Also, it was confirmed that a 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) had been removed.

Three potential USTs, located to the east 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.

The findings of the June 2008 Task 210 SSI are summarized in detail in that report.

1.3 Scope of Work

DTC completed this Task 210 SSI in accordance with DTC's Work Plan, dated September 22, 2008, which was approved by ConnDOT. The Task 210 SSI activities were designed based on the results of the previous environmental investigations, described above. The purpose of this Task 210 SSI was to evaluate the potential for spills or releases from the PRAs located partially or entirely on the portion of the property outside of the limits of the taking area and slope easement limits. This Task 210 SSI evaluated the following five PRAs, which were identified subsequent to the completion of the Task 120 PSI:

- PRA-27* Former 1,000-gallon Waste Oil UST, Below the Western Portion of the Service Garage of Main Building (beyond the taking area)
- PRA-28* Former 3,000-gallon Waste Oil UST, Below the Eastern Portion of the Service Garage of Main Building (beyond the taking area)
- PRA-29* Existing 1,000-gallon Oil/Water Separator, South of Main Building (beyond the taking area)
- PRA-30* Three potential USTs (unknown contents), East of the Garage/Clean-up Shop (both within and beyond the taking area)
- PRA-31* Former Residence, Far Eastern Portion of the Property (beyond the taking area)
- PRA-32* Miscellaneous Surface Spills of Petroleum (both within and beyond the taking area)

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

- Pre-drilling activities, including: (1) marking proposed drilling locations and (2) contacting Call-Before-You-Dig to request mark outs of publicly-owned utilities;

- Completion of 25 soil borings, six within the service garage of the main building and 19 outside the building, to a maximum depth of 15 feet below grade using a truck-mounted Geoprobe® direct-push rig;
- Installation of two groundwater monitoring wells (ranging in depth from 28 to 30 feet below grade) using a truck-mounted hollow stem auger (HSA) drill rig;
- Recording lithology and field screening soil samples with a photoionization detector (PID);
- Collection and laboratory analysis of 53 soil samples for one or more of the following:
 - ETPH by Connecticut DEP method;
 - total RCRA 8 metals by EPA 6010B;
 - total lead and arsenic by EPA 6010B;
 - leachable metals by SPLP;
 - PCBs by EPA Method 8082;
 - PAHs by EPA Method 8270;
 - leachable PAHs by SPLP; and
 - VOCs by EPA Method 8260B.
- Collection and laboratory analysis of two groundwater samples (from the two newly-installed wells) for the following: ETPH by the Connecticut DEP method, total and dissolved RCRA 8 metals by EPA 6010B, PCBs by EPA Method 8082, 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 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 and orange 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 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 ranging from approximately 9 to 32 feet below grade. Auger refusal may be indicative of large boulders present in the till or 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.

During this Task 210 SSI, the groundwater table beneath the site was encountered between 20.71 and 30.38 feet below grade. Based on groundwater depth measurements obtained on October 6, 2008, groundwater appears to flow in a south southwestern direction. The presence of subsurface structures, impervious surfaces, and the character of the subsurface stratigraphy may also locally influence the direction of groundwater movement. Figure 4 depicts the groundwater flow direction across the site.

2.4 Surface Water

A small unnamed stream is located off site, immediately to the north. 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 advancement of 25 borings, installation of two monitoring wells, and collection and laboratory analysis of 53 soil and two groundwater samples.

DTC subcontracted Columbia Environmental Drilling, Inc. (Columbia) of Columbia, Connecticut to advance the borings using a Geoprobe direct-push rig and to install the wells using a HSA drill rig. The subsurface exploration program was completed on September 29 and 30, 2008 and October 1 and 2, 2008.

The 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 along with the sampling rationale for both Task 210 SSIs. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Advancement and Sampling

Twenty-five borings, identified as B-201 through B-221 and MW-101 through MW-104, were advanced to depths ranging from 2 to 15 feet below grade on September 29 and 30, 2008. Six of the borings were completed within the service garage of the main building and the remaining 19 borings were located throughout the remainder of the property. Soil samples were obtained continuously during advancement of the borings 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 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 boring logs, which are included as Appendix A.

Petroleum impacts (visual or olfactory) were noted during the advancement of borings B-207, B-216, and MW-104. The presence of asphalt fragments was noted in borings B-204 through B-207, B-210, B-220, and MW-101.

Following lithology description, soil samples were collected at approximately two foot intervals from each 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.

3.2 Monitoring Well Installation and Development

Two monitoring wells, identified as MW-103 and MW-104, were installed on October 1 and 2, 2008. DTC attempted to install a third well at boring location MW-102, however, refusal was encountered at approximately 6, 7, and 9 feet below grade at three different locations, prior to encountering groundwater. Limited soil sampling was conducted during installation of the wells,

primarily to locate the groundwater water. Monitoring well completion logs are included as Appendix A.

The wells were completed to depths of 28 and 30 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 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 attempt to reduce turbidity.

3.3 Groundwater Gauging, Sampling, and Relative Elevation Survey

Following installation of the wells, DTC completed a relative elevation survey of the PVC casings of the existing and newly installed wells and the ground surface immediately adjacent to the well road boxes on October 6, 2008. The elevation of each well was calculated relative to an arbitrary benchmark of 250 feet.

DTC sampled the two newly installed on October 7, 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 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 to a depth of approximately the midpoint of the water column in the well. Each well was purged for approximately three hours 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. Samples were obtained from well MW-103 once turbidity readings dropped below five Nephelometric Turbidity Units (NTUs). After three hours of purging, the water in well MW-104 remained slightly turbid with a final NTU reading of 6.51.

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 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 State obtained the taking area in August 2008 by Notice of Condemnation, which is exempt from the Transfer Act. Therefore, the taking area and the remainder of the site are not currently regulated under the Transfer Act or the other above State statutes.

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 for both Task 210 SSIs are summarized in Table 3 along with the regulatory criteria. The soil analytical results for this Task 210 SSI only are discussed below. The soil analytical laboratory reports for this Task 210 SSI are included in Appendix D. Please refer to DTC's June 2008 Task 210 SSI for a detailed discussion of the analytical results for soil samples obtained within the taking area and slope easement limits.

Extractable Total Petroleum Hydrocarbons (ETPH)

A total of 49 soil samples were analyzed for ETPH. ETPH was detected in soil samples at concentrations ranging from non-detect to 6,910 mg/kg. ETPH was detected at concentrations exceeding the RES DEC of 500 mg/kg in four samples identified as B-216 (0.33-2'), B-216 (4-6'), B-218 (0.33-2'), and MW-104 (0.5-3'). The approximate extent of soil containing ETPH exceeding the RES DEC is shown on Figure 5

ETPH was detected at concentrations exceeding the I/C DEC of 2,500 mg/kg in one sample identified as B-216 (4-6').

During the previous Task 210 SSI, samples B-105 (4-5.25' – 1,900 mg/kg), B-106 (4-5' – 2,760 mg/kg), and B-113 (4-6' – 1,080 mg/kg), were additionally analyzed for leachable ETPH by SPLP, which is a more accurate method of evaluating compliance with the PMC. Leachable ETPH was not detected in any of the samples.

Samples B-105 (4-5.25') and B-106 (4-5') contained high concentrations of PAHs, indicating that the ETPH detected in these samples may be due in part to the PAHs. ETPH was detected in sample B-113 (4-6') at 1,080 mg/kg, however, PAHs were not detected. Therefore, it is reasonable to assume that soil with total ETPH concentrations equal to and less than approximately 1,080 mg/kg (in samples without PAHs detected) and possibly up to 2,760 mg/kg (in samples where PAHs were detected) would not exceed the GA PMC.

Using the SPLP results along with the above reasoning, ETPH is present at concentrations exceeding the GA PMC in three samples including B-215 (0.33-2'), B-216 (0.33-2'), and B-216 (4-6').

Volatile Organic Compounds (VOCs)

A total of 43 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-202 (4-5'), B-208 (0.66-2.5'), B-209 (0.5-3'), and B-216 (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 21 soil samples were analyzed for PAHs by EPA Method 8270. PAHs were detected in samples B-203 (0.5-1.5'), B-208 (0.66-2.5'), B-217 (4-6'), and B-217 (8-9') at concentrations exceeding the RES DEC and I/C DEC. The approximate extent of soil containing PAHs greater than the DEC is shown on Figure 5.

Soil sample B-217 (4-6') contained the highest concentrations of PAHs at the site, except for sample B-106 (4-5') (obtained during the previous Task 210 SSI), which contained asphalt pieces.

Sample B-217 (4-6') was analyzed for leachable PAHs by SPLP, which is a more accurate method of evaluating compliance with the PMC. The SPLP PAH analytical results indicated that the leachable concentrations of PAHs were well below the GWPC, indicating that PAHs in the sample do not exceed the PMC. Because the total concentrations of PAHs in sample B-217 (4-6') were the highest detected at the site, it is reasonable to assume that PAHs detected in all of the soil samples obtained at the site are not present at concentrations exceeding the PMC.

Metals

A total of 12 soil samples were analyzed for total RCRA 8 metals, 25 samples were analyzed for total lead only, and one sample was analyzed for total arsenic. 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 not detected any soil samples at concentrations exceeding the RES DEC of 500 mg/kg.

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-217 (4-6'), B-219 (0-1'), and B-219 (4-4.5') at concentrations exceeding the GA PMC of 0.015 mg/l. 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 6.

Polychlorinated Biphenyls (PCBs)

A total of 15 soil samples were analyzed for PCBs. PCBs were not detected above the method detection limits in any of the soil samples obtained during this Task 210 SSI.

5.2 Groundwater Sample Analytical Results

Two groundwater samples were submitted for laboratory analysis during this Task 210 SSI. Groundwater analytical results are summarized in Table 4, along with the appropriate regulatory criteria. The groundwater analytical results for this Task 210 SSI only are discussed below. The groundwater analytical laboratory reports for this Task 210 SSI are included in Appendix E. Please refer to DTC's June 2008 Task 210 SSI for a detailed discussion of the analytical results for groundwater samples obtained within the taking area and slope easement limits.

ETPH

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

VOCs

Two groundwater samples were analyzed for aromatic and halogenated VOCs. Tetrachloroethylene (PCE) was detected in groundwater sample MW-103 at a concentration below the RSR criteria. VOCs were not detected in the groundwater sample obtained from well MW-104 above the method detection limits.

RCRA 8 Metals

Two groundwater samples were analyzed for total RCRA 8 metals. The concentrations of total barium detected in the samples were below the GWPC and SWPC.

Groundwater samples obtained from wells MW-103 and MW-104 were also analyzed for dissolved metals. The concentrations of barium detected in these samples were well below the RSR criteria.

PCBs

Two 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

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

Two duplicate soil samples were obtained from randomly selected soil samples to evaluate the accuracy of the laboratory analytical data. Sample Duplicate-1, was obtained from sample MW-104 (0.5-3') and was analyzed for PAHs, RCRA 8 Metals, and PCBs. Sample Duplicate-2 was obtained from sample B-216 (4-6') and was analyzed for ETPH, VOCs, total Pb, and leachable Pb by SPLP.

The results indicated that, on average, there was a 5.4 percent difference in the total metal concentrations, which appears acceptable. The results also indicated that there was a 34.7 percent difference in the ETPH results and, on average, a 16.9 percent difference in the VOC results. Normally, these would not be acceptable results; however, it appears that the difference in the ETPH results is due to the samples not being thoroughly homogenized, and not inaccuracy in the data. The difference in the VOC results is most likely due to the VOC collection protocol which requires grab sampling. PAHs, leachable lead, and PCBs were not detected in either the original or duplicate samples.

DTC also thoroughly reviewed the QA/QC report included with the laboratory analytical reports 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

Field blank samples were collected by running de-ionized water through the sampling equipment and into the laboratory provided sample containers. The purpose of a 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, dissolved RCRA 8 metals, PCBs, and VOCs. Barium was detected in the field blank sample at a very low concentration, indicating that there was likely low level cross-contamination either in the field or at the laboratory. No other constituents were detected in the field blank samples.

Trip blank samples were 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 samples were analyzed for VOCs. VOCs were not detected in the samples, 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-103) to evaluate the accuracy of the laboratory analytical data. The results indicated that there was a 6.9 percent difference in the VOC results, a 6.4 percent difference in the total barium results, and a 1.3 percent difference in the dissolved 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. Please refer to the analytical reports for a detailed narrative discussion of the reliability of the 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 portion of the site beyond the taking area and slope easement limits of the proposed roadway 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 September and October 2008 included the completion of 25 borings (six within the on-site buildings and 19 throughout the study area) installation of two monitoring wells, and the collection and analysis of 53 soil and two groundwater samples (from the two newly-installed wells).

Based on the results of the GPR survey completed during the initial Task 210 SSI, three possible USTs (located to the east 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 detected during the GPR survey. One of the potential USTs is partially located within the proposed taking area and slope easement limits. The other two USTs appear to be located beyond these limits. The potential buried vault/metallic subsurface structure is located beyond the taking area and slope easement limits.

Based on the findings of this Task 210 SSIs, ETPH, PAHs, and lead were detected in soil at concentrations above the RSR criteria. The approximate extent of soil containing ETPH and PAHs at concentrations exceeding the RSR criteria is depicted on Figure 5. The approximate extent of soil containing lead at concentrations exceeding the RSR criteria is depicted on Figure 6.

ETPH was detected at concentrations exceeding the RES DEC in soil collected from borings B-216, B-218, and MW-104. ETPH was detected above the I/C DEC in a soil sample collected from boring B-216.

During the June 2008 Task 210 SSI, analysis of soil samples for leachable ETPH by SPLP (for comparison to the GA PMC) indicated that concentrations of ETPH in soil equal to or less than 1,080 mg/kg (in samples with no PAHs detected) and possibly up to 2,760 mg/kg (in samples with PAHs detected) likely do not exceed the GA PMC. Therefore, ETPH exceeds the GA PMC in soil samples obtained from boring B-216 during this Task 210 SSI.

PAHs were detected at concentrations exceeding the RES DEC and I/C DEC in soil samples obtained from borings B-203, B-208, and B-217. Analysis of sample B-217 (4-6') for leachable PAHs by SPLP (for comparison to the GA PMC) indicated that leachable PAHs were well below the GWPC. Soil sample B-217 (4-6') contained the highest concentrations of PAHs at the site, except for sample B-106 (4-5') (obtained during the previous Task 210 SSI), which contained asphalt pieces. Because the total concentrations of PAHs in sample B-217 (4-6') were the highest detected at the site, it is reasonable to assumed that PAHs detected in all of the soil samples obtained at the site are not present at concentrations exceeding the PMC.

Leachable lead was detected above the GA PMC in soil samples obtained from borings B-217, and B-219. Lead was not detected in any soil samples concentrations exceeding the RES DEC.

PAHs, ETPH, and PCBs were not detected in any of the groundwater samples. PCE was detected in sample MW-103 and it's duplicate at concentrations below RSR criteria. Background concentrations of the metals barium were detected in the samples.

The following summarizes the findings of this Task 210 SSI by Potential Release Area (PRA). Evidence of releases was detected in 18 of the 21 PRAs located partially or entirely on the portion of the site beyond the taking area and slope easement limits. PRAs where releases were detected were assigned a Release Area (RA) number.

PRA-1 / RA-1 – Former Motor Oil and Waste Oil Storage Area, Northern Corner of Main Building (beyond the taking area) – PAHs were detected in shallow soil below the slab within this PRA at concentrations exceeding the RES and I/C DEC. Elevated concentrations of ETPH and total lead were also detected in the shallow soil at concentrations below the RSRs. A low concentration of PCE was also detected

PRA-2 / RA-2 – Hydraulic Lifts (both within and beyond the taking area) – ETPH was detected in one soil sample obtained adjacent to a subslab lift located within the western portion of the main building at a concentration exceeding the RES DEC. Elevated concentrations of ETPH and PAHs were detected in several other soil samples obtained adjacent to subslab lifts within the main building at concentrations below the RSRs.

PRA-5 / RA-3 – Trench Drain, Service Garage of Main Building (beyond the taking area) – ETPH was detected in soil at concentrations below the RSRs adjacent to the drain. PAHs were detected in soil at concentrations exceeding the RES and I/C DEC, however, the PAHs appear to be related to PRA-24/RA-19.

PRA-7 / RA-4 – Former and Existing 3,000-gallon Gasoline USTs & Dispenser, East of Main Building; identified as A-1 and A-1(R1) (beyond the taking area) – ETPH was detected in soil at concentrations below the RSRs.

PRA-8 / RA-5 – Two Former 2,000-gallon Motor Oil USTs, West of Main Building; identified as B-1 and B-2 (both within and beyond the taking area) – ETPH was detected in soil at concentrations above the RES DEC. Aromatic VOCs were detected in soil at concentrations below the RSRs.

PRA-9 / RA-6 – Existing 1,000-gallon Motor Oil UST, West of Main Building; identified as B-1(R1) (both within and beyond the taking area) – ETPH was detected in soil at concentrations above the RES DEC. Aromatic VOCs were detected in soil at concentrations below the RSRs.

PRA-10 / RA-7 – Existing 1,000-gallon Waste Oil UST, West of Main Building; identified as B-2(R1) (both within and beyond the taking area) – ETPH was detected in soil at concentrations above the RES DEC. Aromatic VOCs were detected in soil at concentrations below the RSRs.

PRA-11 / RA-8 – Former 1,000-gallon Auto Transmission Fluid UST, West of Main Building; identified as C-1 (both within and beyond the taking area) – ETPH was detected in soil at concentrations above the RES DEC.

PRA-12 / RA-9 – Former and Existing 1,000-gallon Heating Oil USTs, East of Main Building; identified as C-2 and C-2(R1) (beyond the taking area) – ETPH was detected in soil at concentrations below the RSRs.

PRA-13 – Former 1,000-gallon Heating Oil UST, East of Showroom/Boiler Room of Main Building; identified as C-3 (beyond the taking area) – No evidence of a release. PCE was detected at a concentration below the RSRs in shallow soil, however, the detection of PCE appears unrelated to PRA-13.

PRA-14 / RA-10 – Former 2,000-gallon Waste Oil UST, West of Main Building; identified as D-1 (both within and beyond the taking area) – ETPH was detected in soil at concentrations above the RES DEC. Aromatic VOCs were detected in soil at concentrations below the RSRs.

PRA-23 – Catch Basins (both within and beyond the taking area) – No evidence of releases.

PRA-24 / RA-11 – Potential Fill Material of Unknown Quality (both within and beyond the taking area) – PAHs were detected in soil above the RES and I/C DEC in samples collected from fill materials below the main building, to the west of the main building, and to the north of the garage/clean-up shop.

Total lead was detected at a concentration exceeding the RES DEC in sample B-111 (0.63-2') at 534 mg/kg, obtained from below the garage/clean-up shop. Sample B-111 (0.63-2') was not analyzed for leachable lead by SPLP, however, the total lead concentration in this sample was well above other samples that contained leachable lead at concentrations exceeding the GA PMC. Therefore, it is reasonable to assume that soil below the garage/clean-up shop contains lead at concentrations exceeding the GA PMC.

Soil to the north of the garage/clean-up shop contained leachable lead at a concentration exceeding the GA PMC.

PRA-25 / RA-12 – Lead Paint (both within and beyond the taking area) – Leachable lead was detected in surficial soil along the east side of the paint and body shop at concentrations above the GA PMC.

PRA-26 / RA-13 – Solid Waste Dumping/Fill, Northwest Corner of Property (beyond the taking area) – ETPH and total lead were detected in shallow soil at concentrations below the RSR criteria.

PRA-27 / RA-14 – Former 1,000-gallon Waste Oil UST, Below the Western Portion of the Service Garage of Main Building (beyond the taking area) – ETPH was detected in soil at a concentration below the RSR criteria.

PRA-28 – Former 3,000-gallon Waste Oil UST, Below the Eastern Portion of the Service Garage of Main Building (beyond the taking area) – No evidence of a release.

PRA-29 / RA-15 – Existing 1,000-gallon Oil/Water Separator, South of Main Building (beyond the taking area) – A VOC was detected in soil at a concentration below the RSR criteria.

PRA-30 / RA-16 – Three potential USTs (unknown contents), East of the Garage/Clean-up Shop (both within and beyond the taking area) – ETPH was detected in soil at concentrations exceeding the RES and I/C DEC and the GA PMC. Aromatic and halogenated VOCs and lead were detected at concentrations below the RSRs.

PRA-31 / RA-17 – Former Residence, Far Eastern Portion of the Property (beyond the taking area) – Leachable lead was detected in soil at concentrations exceeding the GA PMC. Total lead was detected at concentrations below the RSRs. The presence of lead within this area of the site may be due either to lead paint present on the former residence or fill material containing lead.

PRA-32 / RA-18 – Miscellaneous Surface Spills of Petroleum – ETPH was detected in shallow soil at concentrations exceeding the RES and I/C DEC to the west of the main building and to the north of the garage/clean-up shop. PAHs were also detected in shallow soil at

concentrations exceeding the RES and I/C DEC, however, the presence of the PAHs may be related to fill materials and not petroleum releases.

6.2 Recommendations

The site is an Establishment per the Transfer Act, therefore, DEP will require remediation of the site in accordance with the RSRs. Based on the findings of the Task 210 SSI investigation, DTC recommends that remedial cost estimates be prepared if ConnDOT is to purchase the property in the future.

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

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3. NUS Corporation, "Preliminary Assessment", dated March 21, 1988.
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9. 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.
10. CTDEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
11. CTDEP, "Water Quality Classifications Map of the Connecticut and Southcentral Coastal Basins", adopted 1993.
12. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2003.
13. Stone, J., USGS, "Surficial Materials Map of Connecticut", dated 1992.
14. 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

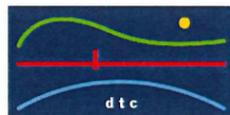
Former Parsons Chevrolet Property
 750 Farmington Avenue
 Farmington, Connecticut



DTC Project No. 03-273-03E

October 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	Arsenic
B-201	0.33-2 4-5.5	South of the main building in parking lot	X			X			X	
B-202	0.33-2 4-5	South of main building; Adjacent to oil-water separator	X		X	X	X	X	X	X
B-203	0.5-1.5 4-5.5	Interior – Adjacent to the former waste oil heater unit formerly located within southern portion of main building	X		X	X	X	X		
B-204	0.5-2.5 4-6	Interior – Adjacent to subslab hydraulic lift within eastern portion of main building	X		X	X	X	X		
B-205	1-2.5 4-6 6-8	Interior – Adjacent to trench drain in main building and former waste oil UST	X		X	X				
B-206	0.5-2.5 4-6	Interior – Adjacent to trench drain in main building	X		X	X	X*	X	X	
B-207	0.5-2.5 10-12 12-14 14-15	Interior – Adjacent to former 3,000-gallon waste oil UST within northeastern portion of main building and subslab hydraulic lift	X		X	X	X*	X		
B-208	0.66-2.5	Interior – Adjacent to subslab hydraulic lift within northern portion of main building	X		X	X	X	X		
B-209	0.5-3 4-4.5	Northeast of former 1,000-gallon heating oil UST grave located adjacent to the boiler room in the main building	X			X			X	
B-210	0.33-1.5 4-5.5	Adjacent to existing and former 1,000-gallon heating oil USTs located on the northeastern side of main building	X			X			X	
B-211	0.25-2 4-6.5	Adjacent to existing and former 1,000-gallon heating oil USTs located on the northeastern side of main building	X			X			X	
B-212	4-5 8-9.5	Adjacent to existing and former 3,000-gallon gasoline USTs located on the northeastern side of main building	X			X			X	

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	Arsenic
B-213	1-2	Adjacent to existing and former 3,000-gallon gasoline USTs located on the northeastern side of main building	X			X			X	
	4-6				X					
	8-10.5		X			X			X	
B-214	0.5-2.25	Approximately 85 feet northeast of main building in parking lot	X			X			X	
B-215	0.33-1	Approximately 80 feet north of main building in parking lot	X			X			X	
	4-6		X			X		X		
B-216	0.33-2	Approximately 20 feet east of garage/clean-up shop; adjacent to UST anomalies	X		X	X	X*	X		
	4-6		X		X	X	X*	X		
Duplicate-2 B-216	4-6	Approximately 20 feet east of garage/clean-up shop; adjacent to UST anomalies	X			X			X*	
B-217	0.33-1.5	Approximately 15 feet north of garage/clean-up shop	X		X	X		X	X	
	4-6		X		X*	X			X*	
	8-9				X	X				X*
B-218	0.33-2	Approximately 70 feet north of garage/clean-up shop in parking lot	X			X			X	
	4-5				X					
	8-9.5		X		X	X				
B-219	0-1	Approximately 210 feet northeast of main building by the former residence							X*	
	4-4.5		X			X			X*	
B-220	0.5-2	Northern corner of site; adjacent to solid waste dumping/fill area	X			X	X	X		
	4-6.25		X		X	X	X	X		
B-221	0.5-2	Adjacent to gas pump located by the northern corner of the main building	X		X	X			X	
MW-101	0.25-2.25	Approximately 40 feet southeast of main building in parking lot	X			X			X	
	4-5		X			X		X		
MW-102	0.25-2.5	Adjacent to former 1,000-gallon heating oil UST grave located adjacent to the boiler room in the main building	X		X	X			X*	
	4-5		X			X		X		
MW-103	0.33-2	Adjacent to existing and former 3,000-gallon gasoline USTs located on the northeastern side of main building	X			X			X	
	6-7.5		X			X		X		
MW-104	0.5-3	Approx. 20' northeast of garage/clean-up shop; adjacent to UST anomalies	X		X	X	X	X		
	4-5		X			X		X		

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 Metals	PCBs (8082)	Lead	Arsenic
Duplicate-1 MW-104	0.5-3	Approximately 20 feet northeast of garage/clean-up shop; adjacent to UST anomalies			X		X	X		
MW-103	Groundwater	Adjacent to existing and former 3,000-gallon gasoline USTs located on the northeastern side of main building	X			X	X ¹	X		
MW-104	Groundwater	Approximately 20 feet northeast of garage/clean-up shop; adjacent to UST anomalies	X			X	X ¹	X		

Notes:

¹ Total and Dissolved metals

* 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'	251.35	27.38	29.55	251.74	223.97
MW-2	no	no	15'-25'	251.25	30.38	23.3	251.54	220.87
MW-3	no	no	21'-31'	250.92	28.05	30.2	251.64	222.87
MW-4	no	no	20'-30'	248.33	22.42	29.74	248.62	225.91
MW-5	no	no	22'-32'	252.1	26.38	31.61	252.56	225.72
MW-103	no	no	20'-30'	250.86	23.05	29.72	251.18	227.81
MW-104	no	no	18'-28'	247.74	20.71	28.08	248.03	227.03

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 October 6, 2008.
 Depth to water measurements were obtained by DTC, October 6, 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				B-109	B-109	B-110	B-110	B-110	B-111	B-111	B-111	B-112	B-112	B-112	B-113	B-113	B-113	B-113	B-114	B-114	B-201	B-201	B-202	B-202	B-203	B-203	
	RES DEC	IC DEC	GA PMC	GWPC	6-8'	8-10'	0.25-2'	2-3'	4-6'	0.63-2'	2-3.5'	4-5.5'	0.42-2'	2-3'	8-10'	0.58-1.5'	4-6'	6-8'	8-10'	0.42-2.5'	4-6'	0.33-2'	4-5.5'	0.33-2'	4-5'	0.5-1.5'	4-5.5'	
	5/1/08	5/1/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	4/29/08	9/29/2008	9/29/2008	9/30/2008	9/30/2008	9/29/2008	9/29/2008	
VOCs per EPA 8260 (mg/kg)																												
Acetone	500	1,000	14	NE	NA			NA	NA	NA					NA													
n-Butylbenzene	500	1,000	1.4	NE																								
sec-Butylbenzene	500	1,000	1.4	NE																								
1,2-Dichlorobenzene	500	1,000	3.1	NE																								
1,4-Dichlorobenzene	26	240	1.5	NE																								
4-isopropyltoluene	500	1,000	0.6	NE																								
Naphthalene	1,000	2,500	5.6	NE		4.63																						
Tetrachloroethylene	12	110	0.1	NE																								
1,2,4-Trimethylbenzene	500	2,500	7	NE													0.0172											
1,3,5-Trimethylbenzene	500	1,000	7	NE																								
1,4-Dioxane	220	1,000	NE	NE																								
SVOCs per EPA 8270 (mg/kg)																												
Acenaphthylene	1,000	2,500	8.4	NE				NA	NA	NA																		
Anthracene	1,000	2,500	40	NE																								
Benzo (a) anthracene	1	7.8	1	NE																								
Benzo (a) pyrene	1	7.8	1	NE		0.795																						
Benzo (b) fluoranthene	1	7.8	1	NE		(1.18)																						
Benzo (g,h,i) perylene	1,000	2,500	4	NE																								
Benzo (k) fluoranthene	8.4	78	1	NE		0.968																						
Chrysene	84	780	1	NE		0.798																						
Dibenzo (a,h) anthracene	1	7.8	1	NE																								
Fluoranthene	1,000	2,500	5.6	NE		0.834																						
Fluorene	1,000	2,500	5.6	NE																								
Indeno (1,2,3-cd) pyrene	1	7.8	1	NE																								
Phenanthrene	1,000	2,500	4	NE																								
Pyrene	1,000	2,500	4	NE		1.98																						
SPLP PAHs per EPA 8270 (ug/l)																												
Phenanthrene	NE	NE	NE	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ETPH per CTDEP method (mg/kg)																												
	500	2,500	500	NE		(1.18)	5.080	2.520	226	7.210	4.540	110	(541)	42.5	NA	408	(1.088)		NA	50.2	NA	NA		NA		217	357	
SPLP ETPH per CTDEP method (mg/l)																												
	NE	NE	100	NE	NA	NA	NA	NA	NA	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)																												
Arsenic	10	10	NE	NE	NA	1.87	1.59	NA	NA	3.25	2.34	NA	NA	NA	NA	2.54	NA	NA	2.28	NA	NA	2						
Barium	4,700	140,000	NE	NE		76.4	83.5	NA	NA	110	67.5	NA	NA	NA	NA	94.9	NA	NA	66	NA	NA	NA	37.9	72.9				
Cadmium	34	1,000	NE	NE		0.565	0.818	NA	NA	1.39	0.614	NA	NA	NA	1.08	NA	NA	NA	NA	NA	NA	0.681	0.602					
Total Chromium	100	100	NE	NE		16.7	8.21	NA	NA	17.2	14.4	NA	NA	NA	NA	11.4	NA	NA	10.8	NA	NA	12.3	19.6					
Mercury	20	610	NE	NE			0.0881	NA	NA	0.0937	0.0781	NA	NA	NA	0.0897	NA	NA	NA	NA	NA	NA	NA	NA	0.0715				
Lead	500	1,000	NE	NE		9.98	175	534	NA	177	69.4	NA	NA	NA	69.2	NA	NA	NA	36.4	53.1	NA	24.4	4.56	51.6				
Silver	340	10,000	NE	NE		3.8	3.22	NA	NA	3.16	4.31	NA	NA	3.06	NA	2.61	NA	NA	2.61	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium	340	10,000	NE	NE		2.19		NA	NA	2.66	2.62	NA	NA	1.49	NA	1.91	NA	NA	1.91	NA	NA	NA	NA	NA	NA	NA	NA	
SPLP Metals per EPA 6010 & 7471 (mg/l)																												
Arsenic	NE	NE	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NE	NE	1	NE																								
Cadmium	NE	NE	0.005	NE																								
Chromium	NE	NE	0.05	NE																								
Mercury	NE	NE	0.002	NE																								
Lead	NE	NE	0.015	NE																								
Silver	NE	NE	0.036	NE																								
Selenium	NE	NE	0.05	NE																								
TCLP Lead per EPA 6010 (mg/l)																												
	NE	NE	5****	NE	NA	NA	NA	NA	1.31	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)																												
PCB 1248	NE	NE	NE	NE	NA																							
PCB 1260	NE	NE	NE	NE												0.0343												
Total PCBs	1	10	NE	NE												0.0343												
SPLP PCBs per EPA 8082 (mg/l)																												
	NE	NE	0.0005	NE	NA	NA	NA	NA	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.
 IC DEC = Industrial/Commercial Direct Exposure Criteria.
 GA PMC = GA Pollutant Mobility Criteria.
 SPLP = Synthetic Precipitation Leaching Procedure.
 TCLP = Toxicity Characteristic Leaching Procedure.
 mg/kg = milligrams per kilogram.
 mg/l = milligrams per liter.
 ** 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 846 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				B-204	B-204	B-205	B-205	B-205	B-206	B-206	B-207	B-207	B-207	B-207	B-208	B-209	B-209	B-210	B-210	B-211	B-211	B-212	B-212	B-213	B-213	B-213	B-214	B-215	B-215	
	RES DEC	IC DEC	GA PMC	GWPC	0.5-2.5'	4-6'	1-2.5'	4-6'	6-8'	0.5-2.5'	4-6'	0.5-2.5'	10-12'	12-14'	14-15'	0.66-2.5'	0.5-3'	4-4.5'	0.33-1.5'	4-5.5'	0.25-2'	4-6.5'	4-5'	8-9.5'	1-2'	4-6'	8-10.5'	0.5-2.25'	0.33-1'	4-6'	
					9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/30/2008	9/30/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008
VOCs per EPA 8260 (mg/kg)							NA			NA	NA								NA							NA					
Acetone	500	1,000	14	NE																											
n-Butylbenzene	500	1,000	1.4	NE																											
sec-Butylbenzene	500	1,000	1.4	NE																											
1,2-Dichlorobenzene	500	1,000	3.1	NE																											
1,4-Dichlorobenzene	26	240	1.5	NE																											
4-isopropyltoluene	500	1,000	0.6	NE																											
Naphthalene	1,000	2,500	5.6	NE																											
Tetrachloroethylene	12	110	0.1	NE																											
1,2,4-Trimethylbenzene	500	2,500	7	NE												0.0892															
1,3,5-Trimethylbenzene	500	1,000	7	NE												0.0781	0.0108														
1,4-Dioxane	220	1,000	NE	NE																											
SVOCs per EPA 8270 (mg/kg)					NA		NA				NA	NA				NA															
Acenaphthylene	1,000	2,500	8.4	NE	0.247																										
Anthracene	1,000	2,500	40	NE																											
Benzo (a) anthracene	1	7.8	1	NE	0.39		0.69			0.293																					
Benzo (a) pyrene	1	1	1	NE	0.413		0.685			0.26																					
Benzo (b) fluoranthene	1	7.8	1	NE	0.434		0.704			0.249																					
Benzo (g,h,i) perylene	1,000	2,500	4	NE	0.257		0.411			0.199																					
Benzo (k) fluoranthene	8.4	78	1	NE	0.303		0.554			0.218																					
Chrysene	84	780	1	NE	0.482		0.934			0.32																					
Dibenzo (a,h) anthracene	1	1	1	NE																											
Fluoranthene	1,000	2,500	5.6	NE	0.55		1.05			0.464																					
Fluorene	1,000	2,500	5.6	NE																											
Indeno (1,2,3-cd) pyrene	1	7.8	1	NE	0.254		0.447			0.199																					
Phenanthrene	1,000	2,500	4	NE	0.178		0.383																								
Pyrene	1,000	2,500	4	NE	0.809		1.36			0.492																					
SPLP PAHs per EPA 8270 (ug/l)					NA																										
Phenanthrene	NE	NE	NE	200																											
ETPH per CTDEP method (mg/kg)					233		345		51.3	158						480			395	35.5		34.6	NA			36.1	58.5				
SPLP ETPH per CTDEP method (mg/l)					NA																										
Total 8 RCRA Metals per EPA 6010 & 7471 (mg/kg)					NA	2.23		NA		3.29	NA	NA	NA	NA	NA	1.89	NA														
Arsenic	10	10	NE	NE																											
Barium	4,700	140,000	NE	NE		43		49.2	134	NA			127	118	NA																
Cadmium	34	1,000	NE	NE					0.732	NA			0.715	0.709	NA																
Total Chromium	100	100	NE	NE		17.9		15.2	17.9	NA			27.1	17.7	NA																
Mercury	20	610	NE	NE				0.0788	0.451	NA					0.117	NA															
Lead	500	1,000	NE	NE		10.9		26.6	208	101			11.4	128	25.1			16.7		8.47				5.98	12.5	10.7	17.9	9.04	7.24		
Silver	340	10,000	NE	NE						NA					NA																
Selenium	340	10,000	NE	NE						NA					NA																
SPLP Metals per EPA 6010 & 7471 (mg/l)					NA																										
Arsenic	NE	NE	0.05	NE																											
Barium	NE	NE	1	NE																											
Cadmium	NE	NE	0.005	NE																											
Chromium	NE	NE	0.05	NE																											
Mercury	NE	NE	0.002	NE																											
Lead	NE	NE	0.015	NE																											
Silver	NE	NE	0.036	NE																											
Selenium	NE	NE	0.05	NE																											
TCLP Lead per EPA 6010 (mg/l)					NA																										
PCBs per EPA 8082 (mg/kg)					NA		NA	NA			NA	NA					NA														
PCB 1248	NE	NE	NE	NE																											
PCB 1260	NE	NE	NE	NE																											
Total PCBs	1	10	NE	NE																											
SPLP PCBs per EPA 8082 (mg/l)					NA																										

Notes:
RES DEC = Residential Direct Exposure Criteria.
IC DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
SPLP = Synthetic Precipitation Leaching Procedure.
TCLP = Toxicity Characteristic Leaching Procedure.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
** 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

TABLE 3
Soil Sample Analytical Results
Task 210 - Subsurface Site Investigation
Former Parsons Chevrolet Property
750 Farmington Ave., Farmington, Connecticut

Parameters	Remediation Standard Regulations				B-216	B-216	Duplicate-2	B-217	B-217	B-217	B-218	B-218	B-218	B-219	B-219	B-220	B-220	B-221	MW-101	MW-101	MW-102	MW-102	MW-103	MW-103	MW-104	Duplicate-1	MW-104	Trip Blank	Trip Blank		
	RES DEC	IC DEC	GA PMC	GWPC	0.33-2'	4-6'	B-216 (4-6')	0.33-1.5'	4-6'	8-9'	0.33-2'	4-5'	8-9.5'	0-1'	4-4.5'	0.5-2'	4-6.25'	0.5-2'	0.25-2.25'	4-5'	0.25-2.25'	4-5'	0.33-2'	6-7.5'	0.5-3'	M-104 (0.5-3')	4-5'	--	--		
					9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/30/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/29/2008	9/30/2008	9/29/2008	4/29-5/1/08	9/30/2008	
VOCs per EPA 8260 (mg/kg)																															
Acetone	500	1,000	14	NE						NA																					
n-Butylbenzene	500	1,000	1.4	NE	[0.105]	[0.0871]	[0.0939]																								
sec-Butylbenzene	500	1,000	1.4	NE																											
1,2-Dichlorobenzene	500	1,000	3.1	NE																											
1,4-Dichlorobenzene	26	240	1.5	NE																											
4-isopropyltoluene	500	1,000	0.6	NE																											
Naphthalene	1,000	2,500	5.6	NE																											
Tetrachloroethylene	12	110	0.1	NE																											
1,2,4-Trimethylbenzene	500	2,500	7	NE		0.0079	0.0058																								
1,3,5-Trimethylbenzene	500	1,000	7	NE																											
1,4-Dioxane	220	1,000	NE	NE																											
SVOCs per EPA 8270 (mg/kg)																															
Acenaphthylene	1,000	2,500	8.4	NE			NA						NA	NA	NA			NA	NA			NA	NA	NA		NA	NA	NA	NA	NA	
Anthracene	1,000	2,500	40	NE					2.58	0.866			NA	NA	NA			NA	NA			NA	NA	NA		NA	NA	NA	NA	NA	
Benzo (a) anthracene	1	7.8	1	NE					1.38	0.754																					
Benzo (a) pyrene	1	1	1	NE					(0.61)	(2.34)																					
Benzo (b) fluoranthene	1	7.8	1	NE					(5.6)	(1.39)																					
Benzo (g,h,i) perylene	1,000	2,500	4	NE					(5.29)	(1.36)																					
Benzo (k) fluoranthene	8.4	78	1	NE					3.36	0.997																					
Chrysene	84	780	1	NE					(5.86)	(1.67)																					
Dibenzo (a,h) anthracene	1	1	1	NE					(8.48)	(3.24)																					
Fluoranthene	1,000	2,500	5.6	NE					0.776																						
Fluorene	1,000	2,500	5.6	NE					(11.4)	4.05																					
Indeno (1,2,3-cd) pyrene	1	7.8	1	NE					0.84																						
Phenanthrene	1,000	2,500	4	NE					(8.84)	2.71																					
Pyrene	1,000	2,500	4	NE	0.225				(14.6)	(5.53)																					
SPLP PAHs per EPA 8270 (ug/l)																															
Phenanthrene	NE	NE	NE	200	NA	NA	NA	NA	2.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										
ETPH per CTDEP method (mg/kg)																															
	500	2,500	500	NE	1.620	6.910	4.510	37.7	419	114	(959)	137		NA	52.4	44.6										(995)	NA		NA	NA	
SPLP ETPH per CTDEP method (mg/l)																															
	NE	NE	100	NE	NA	NA	NA	NA	NA	NA	NA	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)																															
Arsenic	10	10	NE	NE	1.8	2.01	NA	NA	NA	NA	NA	NA	NA	NA	2.31	3.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7	2.82	NA	NA	NA	
Barium	4,700	140,000	NE	NE	91.8	131	NA	NA	NA	NA	NA	NA	NA	NA	55.6	89.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.4	101	NA	NA	NA	
Cadmium	34	1,000	NE	NE	1.01	1.08	NA	NA	NA	NA	NA	NA	NA	NA	1.06	0.674	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.833	0.829	NA	NA	NA	
Total Chromium	100	100	NE	NE	14.5	19.2	NA	NA	NA	NA	NA	NA	NA	NA	12.4	19.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.5	18.3	NA	NA	NA	
Mercury	20	610	NE	NE	0.212	0.11	NA	NA	NA	NA	NA	NA	NA	NA	0.0847	0.414	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0687	0.038	NA	NA	NA	
Lead	500	1,000	NE	NE	163	134	145	14.6	192	99.6	45.1				71.9	94.5	4.91	8.38	30.8	341	24.7	29.7	3.83	73.4	70.2	9.13	NA	NA	NA		
Silver	340	10,000	NE	NE			NA	NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA						
Selenium	340	10,000	NE	NE			NA	NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA	NA	NA						
SPLP Metals per EPA 6010 & 7471 (mg/l)																															
Arsenic	NE	NE	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium	NE	NE	1	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	NE	NE	0.005	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	NE	NE	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	NE	NE	0.002	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	NE	NE	0.015	NE					0.0375																						
Silver	NE	NE	0.036	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0236	0.0263																
Selenium	NE	NE	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
TCLP Lead per EPA 6010 (mg/l)																															
	NE	NE	5****	NE	NA	NA	NA	NA	NA	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)																															
PCB 1248	NE	NE	NE	NE			NA		NA	NA	NA	NA	NA	NA				NA	NA	NA	NA	NA	NA	NA	NA						
PCB 1260	NE	NE	NE	NE																											
Total PCBs	1	10	NE	NE																											
SPLP PCBs per EPA 8082 (mg/l)																															
	NE	NE	0.0005	NE	NA	NA	NA	NA	NA	NA	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.
IC DEC = Industrial/Commercial Direct Exposure Criteria.
GA PMC = GA Pollutant Mobility Criteria.
SPLP = Synthetic Precipitation Leaching Procedure.
TCLP = Toxicity Characteristic Leaching Procedure.
mg/kg = milligrams per kilogram.
mg/l = milligrams per liter.
** 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 5/8/08	MW-2 5/8/08	MW-3 5/8/08	MW-4 5/8/08	Duplicate (MW-4) 5/8/08	MW-5 5/8/08	MW-103 10/6/08	Duplicate (MW-103) 10/6/08	MW-104 10/6/08	Field Blank 5/8/08	Field Blank 10/6/08	Trip Blank 5/8/08	Trip Blank 10/6/08
	RES VC	Proposed RES VC	GWPC													
VOCs per EPA 8260 (ug/l)																
Chloroform	287	26	6				3.5	3.6								
Tetrachloroethylene	1,500	340	5								2.7					
			14,100													
			88													
PAHs per EPA 8270C (ug/l)																
	NE	NE	Various	NA		NA						NA				NA
ETPH per CT DEP method (ug/l)																
	NE	NE	100	NA		NA						NA				NA
	NE	NE	NE	NA		NA						NA				NA
Total Metals per EPA 6010/200.7 (ug/l)																
Barium	NE	NE	1,000	0.000159	0.00024	NA	0.000239	0.000238	0.000221	0.000408	0.000382	0.000228				NA
Chromium	NE	NE	50	0.0000129												
Dissolved Metals per EPA 6010/200.7 (ug/l)																
Barium	NE	NE	1,000	NA	NA	NA	NA	NA	NA	0.000467	0.000461	0.000254		0.0000088		NA
PCBs per EPA 8082 (ug/l)																
	NE	NE	0.5	NA		NA										NA
	NE	NE	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.
 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.

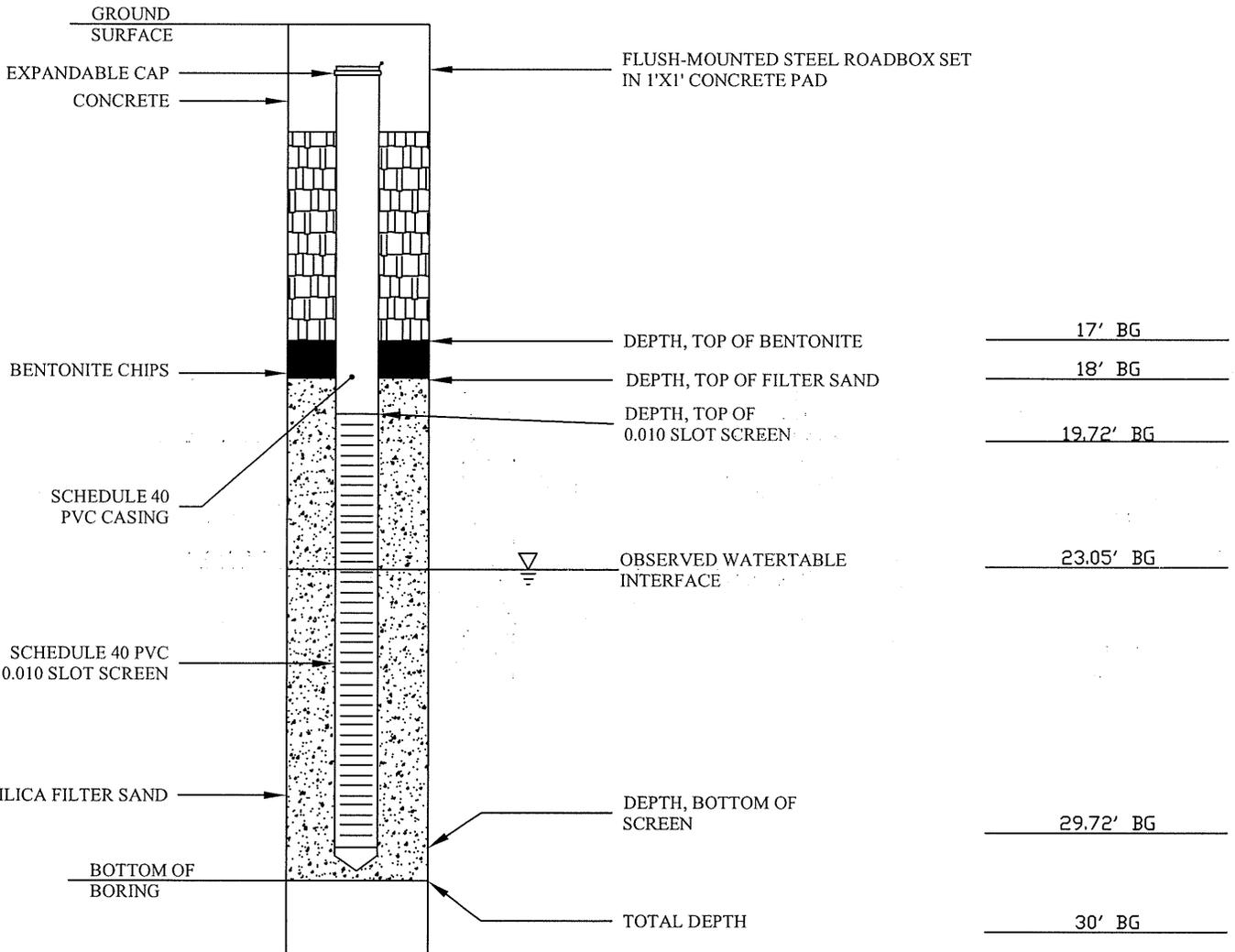
APPENDIX A

Soil Boring and Monitoring Well Completion Logs

		Subsurface Log		Sheet 1 of 1	Date started: 9/29/08 Date Completed: 10/1/08	BORING MW- No. 103		
DIVERSIFIED TECHNOLOGY CONSULTANTS Project: DOT Route 4 Farmington Task 210 Location: Farmington, CT				Method of investigation: Geoprobe/HSA (8-30')				
Project No.: 03-273-03E P. Manager: Chris Koelle		Drilling Co.: Columbia Drilling Geologist: Joy Klappholz		Driller: Chris D. Helper: Jose		Drill Rig: Geoprobe/H.S Weather: sunny, 65		
Depth (ft.)	Sample				Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"				
0-4		0-0.33			28	Asphalt/Subase Or Br F-M SAND, little silt, with cobbles	0.0	
	1	0.33-2						
4-7.5	2	4-6			40	Or Br F-C SAND, trace F gravel Or Br F SAND (Geoprobe refusal @ 7.5)	0.0 0.0	
	3	6-7.5						
8-10		8-8.5	100/2		0	No Recovery		
		8.5-9	R					
		9-9.5	R					
		9.5-10	R					
10-12	4	10-10.5	4		3	Br F-M SAND, trace F gravel	0.0	
		10.5-11	31					
		11-11.5	R					
		11.5-12	R					
12-14	5	12-12.5	48		13.5	Br F-M SAND, little silt, trace F-C gravel, with cobbles		
		12.5-13	45					
		13-13.5	27					
		13.5-14	29					
14-16	6	14-14.5	24		12	Br F-C SAND, little silt, trace F-C gravel, with cobbles (mica schist)	0.0	
		14.5-15	28					
		15-15.5	25					
		15.5-16	32					
20-22		20-20.5	16		0	No Recovery		
		20.5-21	100/2					
		21-21.5	R					
		21.5-22	R					
25-27		25-25.5	28		7	Rd Br F-M SAND, with sandstone fragments		
		25.5-26	100/3					
		26-26.5	R					
		26.5-27	R					
30-32		30-30.5	18		6	Rd Br SILT (dense) (wet)		
		30.5-31	100/5					
		31-31.5	R					
		31.5-32	R					
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)		

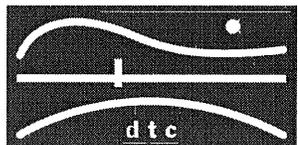
MONITORING WELL COMPLETION DIAGRAM

SHEET 1 OF 1		DATE COMPLETED: 10/1/08	WELL ID MW-103
DRILLING COMPANY: COLUMBIA ENVIR. DRILLING, INC.		DRILLER: CHRIS HELPER: ROBERT	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/70F	



CONSTRUCTION NOTES:

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



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

DWG. FILE: MW-103.DWG
DRAWN BY: JK
SCALE: NTS

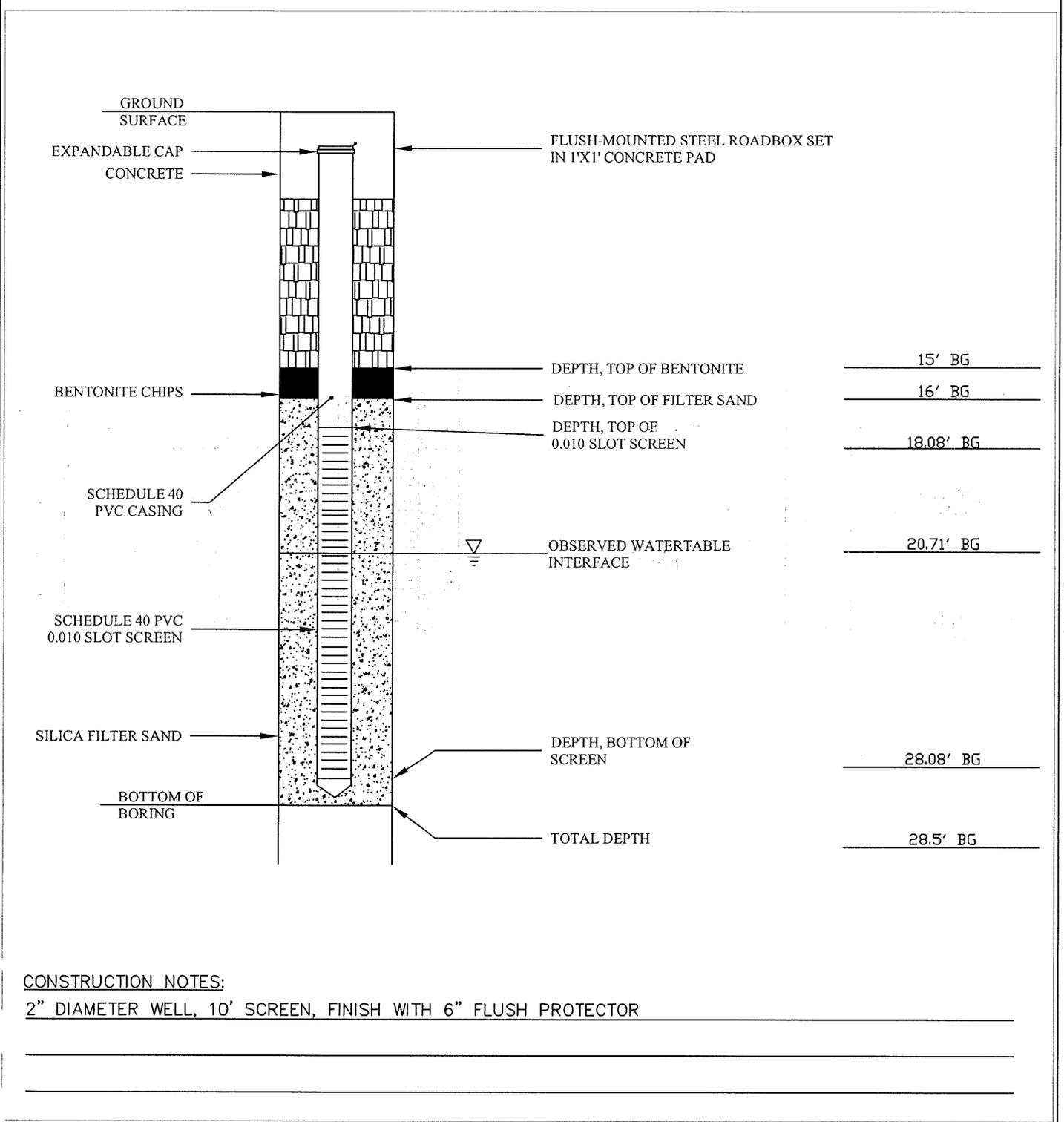
DTC No.: 03-273-03E
DATE: 10/14/08
SHEET: 1 OF 1

 		Subsurface Log		Sheet 1 of 1	Date started: 9/30/08 Date Completed: 10/2/08	BORING MW- No. 104		
DIVERSIFIED TECHNOLOGY CONSULTANTS Project No.: 03-273-03E P. Manager: Chris Koelle				Project: DOT Route 4 Farmington Task 210 Location: Farmington, CT Drilling Co.: Columbia Drilling Geologist: Joy Klappholz		Method of investigation: Geoprobe/HSA (5-28') Drill Rig: Geoprobe/H.S Weather: sunny, 65		
Depth (ft.)	Sample				Recovery (in.)	Sample Description	Field Analytical Readings	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"				
0-4		0-0.33			36	Asphalt/Subase Br/grey F-M SAND and SILT, trace F gravel (weathered petroleum odor)	19.7	DUPLICATE-1
	1	0.33-3						
4-5	2	4-5			11	Or/Rd Br F-M DAND, trace silt and F gravel, with cobbles (Geoprobe refusal @5.5')	0.0	
5-7	3	5-5.5	16		10	Br F-M SAND, trace silt and F gravel, with cobbles	0.1	
		5.5-6	28					
		6-6.5	R					
		6.5-7	R					
7-9	4	7-7.5	100/2		0	No Recovery	0.0	
		7.5-8	R					
		8-8.5	R					
		8.5-9	R					
9-11	5	9-9.5	30		8	Rd Br F-M SAND, trace silt and F gravel, with cobbles	0.0	
		9.5-10	100/5					
		10-10.5	R					
		10.5-11	R					
11-13	6	11-11.5	20		4	Rd Br F-M SAND, trace F gravel	0.0	
		11.5-12	100/3					
		12-12.5	R					
		12.5-13	R					
13-15		13-13.5	100/3		0	No Recovery		
		13.5-14	R					
		14-14.5	R					
		14.5-15	R					
20-22		20-20.5	100/2		0	No Recovery		Groundwater @ 21'
		20.5-21	R					
		21-21.5	R					
		21.5-22	R					
25-27		25-25.5	18		12	Rd Br SILT with cobbles (wet)		
		25.5-26	43					
		26-26.5	100/3					
		26.5-27	R					
						END OF BORING @ 28.5'		
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 28.5', 10' of screen, expandable cap, and a manhole cemented in place (See attached well diagram)			

MONITORING WELL COMPLETION DIAGRAM

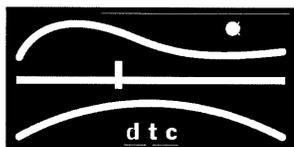
SHEET 1 OF 1		DATE COMPLETED: 10/2/08	WELL ID MW-104
DRILLING COMPANY: COLUMBIA ENVIR. DRILLING, INC.		DRILLER: CHRIS HELPER: ROBERT	DRILL RIG: TRUCK MOUNTED RIG
DTC GEOLOGIST: JOY KLAPPHOLZ		PROJECT MANAGER: CHRIS KOELLE	METHOD OF INVESTIGATION: HSA

BACKFILL WELL KEY	NATIVE BACKFILL	GROUT	BENTONITE	FILTER SAND	WEATHER: SUNNY/70F
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CONSTRUCTION NOTES:

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



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

DWG. FILE: MW-104.DWG
DRAWN BY: JK
SCALE: NTS

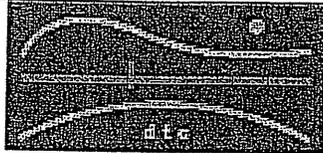
DTC No.: 03-273-03E
DATE: 10/14/08
SHEET: 1 OF 1

APPENDIX B

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

ENGINEERED SOLUTIONS



LAND STRUCTURES WATER

WELL / SAMPLE NO.: MW-103
Sampling Sequence:

DATE: 10/6/08
Weather Conditions: Partly Sunny, 55°F

SITE NAME: ConnDOT Farmington-Parsons Property
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: E.Stewart/M.K Starr

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: 21.72 ft) - (Depth to Water: 22.07 ft) = (Height: 0.35 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:

SAMPLE DATA

BOTTLES / ANALYTICAL PARAMETERS

Sample Method:	CT Low-Flow	Sample Depth:	Container:	Quantity	Preserv.	Parameters:
Pump Type:	Peristaltic Pump		40 ml Vial	2	HCL	VOCs
Controller:		Field Filtered: No	500 ml Plastic	1	HNO3	RCRA 8 Metals
Compressor:		Filter Method: NA	1L Amber	2	NA	ETPH, PCBs
Controller Setting:		LNAPLs (ft):				
Flow Rate:		DNAPLs (ft):				
Draw Down (ft):		Total Purge Vol. <u>5 gallons</u>				

GROUNDWATER MONITORING

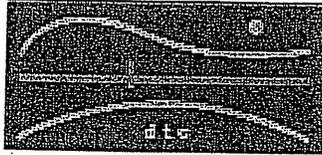
Time	Volume	Temp. °C	pH	Specific Conductance	Turbidity	Dissolved Oxygen	ORP
9:10	Initial	16.30	5.95	.599	71.5	10.41	-123.2
9:15	1 st	15.17	6.12	1.098	89.9	3.42	-121.6
9:20	2 nd	15.08	6.34	1.102	85.0	3.11	-153.7
9:25	3 rd	14.92	6.53	1.106	72.7	2.90	-140.0
9:35	4 th	14.99	6.69	1.107	67.4	2.82	-130.6
9:45	5 th	15.11	6.81	1.103	46.2	2.67	-124.1
9:55	6 th	15.21	6.83	1.098	31.0	2.74	-120.9
10:05	7 th	15.18	6.90	1.097	25.8	2.67	-119.7
10:20	8 th	15.06	6.97	1.096	19.2	2.97	-116.9

ADDITIONAL COMMENTS:

Page 1

GROUNDWATER SAMPLING LOG

UNDESIGNED
COLLECTION



GROUND
STRUCTURES
WATER

WELL / SAMPLE NO.: MW-104
Sampling Sequence:

DATE: 10/6/08
Weather Conditions: Partly Sunny

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: E.Stewart/M.K Starr

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: 28.68 ft) - (Depth to Water: 20.7 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:

SAMPLE DATA

Sample Method:	CT Low-Flow	Sample Depth:	
Pump Type:	Peristaltic Pump	Field Filtered:	No
Controller:		Filter Method:	NA
Compressor:		LNAPLs (ft):	
Controller Setting:		DNAPLs (ft):	
Flow Rate:		Total Purge Vol.	5 gallons
Draw Down (ft):			

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, PCBs

GROUNDWATER MONITORING

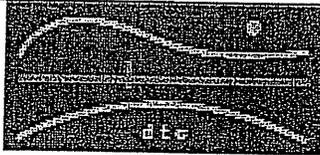
Time	Volume	Temp.	pH	Specific Conductance	Turbidity	Dissolved Oxygen	ORP
12:45	Initial	15.92	7.62	0.556	76.1	8.92	-112.8
1:00	1 st	15.46	7.25	0.537	49.9	5.15	-110.6
1:15	2 nd	15.15	7.22	0.535	32.4	7.25	-108.8
1:25	3 rd	15.00	7.20	0.535	29.1	5.18	-108.14
1:40	4 th	14.44	7.17	0.534	29.4	5.14	-108.3
1:55	5 th	14.81	7.16	0.534	18.8	5.00	-107.6
2:10	6 th	14.81	7.13	0.532	18.0	4.93	-107.4
2:25	7 th	15.04	7.18	0.530	15.2	4.83	-107.9
2:40	8 th	15.07	7.18	0.530	14.5	5.18	-110.8

ADDITIONAL COMMENTS:

Page 1

GROUNDWATER SAMPLING LOG

UNDESIGNED
SOLUTIONS



LAND
STRUCTURES
WATER

WELL / SAMPLE NO.: MW-104
Sampling Sequence:

DATE: 10/6/08
Weather Conditions:

SITE NAME: **ConnDOT Farmington-Parsons Property**
ADDRESS: 750 Farmington Ave.
Farmington, Connecticut
PROJECT NO.: 03-273-03E
SAMPLING TEAM: E.Stewart/M.K Starr

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: _____ ft) - (Depth to Water: _____ 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:

SAMPLE DATA

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

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, PCBs

GROUNDWATER MONITORING

Time	Volume	Temp.	pH	Specific Conductance	Turbidity	Dissolved Oxygen	ORP
3:00	Initial	15.76	7.22	0.528	12.3	5.72	-111.7
3:15	1 st	15.98	7.24	0.527	9.19	5.31	-112.0
3:30	2 nd	15.92	7.24	0.527	11.1	5.30	-112.8
3:50	3 rd				0.51		
	4 th						
	5 th						
	6 th						
	7 th						
	8 th						

ADDITIONAL COMMENTS:

Page 2

APPENDIX C

Payne Environmental Phase II ESA Data Tables

TABLE 1

ANALYTICAL SOIL RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Sample ID (Interval)								Pollutant Criteria (mg/kg)	
	B-1 (4-8')	B-2 (8-12')	B-3 (8-12')	B-4 (0-4')	B-5 (10-12')	B-6 (4-8')	B-7 (0-4')	RDEC	GA PMC	
<i>VOCs (mg/kg)</i>										
Acetone	0.135	BRL	BRL	0.0985	0.256	0.124	BRL	500	14	
Benzene	0.0083	BRL	BRL	BRL	BRL	BRL	BRL	21	0.02	
2-Butanone (MEK)	BRL	BRL	BRL	BRL	0.0424	BRL	BRL	500	8	
All Other VOCs	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
<i>PAHs (mg/kg)</i>										
All PAHs	NA	BRL	NA	NA	BRL	NA	NA	NA		
<i>RCRA 8 Metals by Mass Analysis (mg/kg)</i>										
Silver	BRL	BRL	BRL	BRL	NA	BRL	BRL	340	0.036	
Arsenic	4.51	BRL<3.17	BRL<3.19	BRL<3.09	NA	BRL<3.12	BRL<3.28	10	0.05	
Barium	176	72.6	45.4	116	NA	35.3	84.3	4,700	1	
Cadmium	1.54	BRL<0.528	BRL<0.532	BRL<0.515	NA	0.552	2.12	34	0.005	
Chromium	18.1	11.0	8.18	8.63	NA	10.3	15.3	100	0.05	
Lead	114	2.78	BRL<1.60	185	NA	27.3	76.6	400**	0.015	
Selenium	BRL	BRL	BRL	BRL	NA	BRL	BRL	340	0.05	
Mercury	BRL	BRL	BRL	0.198	NA	BRL	BRL	20	0.002	
<i>Polychlorinated Biphenyls (mg/kg)</i>										
Polychlorinated Biphenyls	NA	BRL	NA	NA	NA	BRL	BRL	1	0.001	
<i>ETPH (mg/kg)</i>										
Total Petroleum Hydrocarbons	36.2	BRL	BRL	BRL	186	BRL	BRL	500	500	
<i>SPLP RCRA 8 Metals (mg/L)</i>										
							B-1 (4-8')	B-4 (0-4')	GA PMC	
							BRL	BRL	0.036	
							BRL	BRL	0.05	
							BRL	BRL	1	
							BRL	BRL	0.005	
							0.005	BRL	0.05	
							BRL	BRL	0.015	
							BRL	BRL	0.05	
							BRL	BRL	0.002	

Notes:
 VOC - Volatile Organic Compounds
 PAHs - Polynuclear Aromatic Hydrocarbons
 GA PMC - Pollutant Mobility Criteria for GA/GAA Classification Areas
 RDEC - Residential Direct Exposure Criteria
 ETPH - Total Extractable Petroleum Hydrocarbons
 mg/kg - milligrams per kilogram
 NE - None Established
 NA - Not Analyzed
 BRL - Below Reporting Limit
 ** CTDPH Recommended Value Compared to RDEC of 500 mg/kg

TABLE 2

ANALYTICAL SOIL VAPOR RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Vapor Sample					Pollutant Criteria				
	SV-1	SV-2	SV-3	SV-4	SV-5	1996 RVC	Proposed RVC	1996 I/C VC	Proposed I/C VC	
	POCs (ppbv)									
Dichlorodifluoromethane (Freon 12)	BRL	BRL	BRL	0.540	NE	14,000	NE	NE	140,000	
Chloromethane	BRL	BRL	BRL	BRL	NE	5,100	NE	NE	53,000	
Trichlorofluoromethane (Freon 11)	BRL	BRL	BRL	BRL	NE	50,000	NE	NE	120,000	
Methylene Chloride	BRL	BRL	2.37	BRL	89,000	650	218,000	3,037,000	6,800	
1,1-Dichloroethane	BRL	BRL	BRL	BRL	850,000	14000	10,400	150,000	140	
Chloroform	BRL	BRL	BRL	BRL	4,500	78	16,000	130,000	260	
1,1,1-Trichloroethane	BRL	BRL	BRL	BRL	1,310,000	70,000	4,520,000	1,400	1,400	
Benzene	BRL	22.8	1.04	BRL	1,000	780	113,000	120	120	
Carbon Tetrachloride	BRL	BRL	BRL	BRL	1,000	60	2,700	180,000	1,000	
Trichloroethene	BRL	BRL	BRL	BRL	7,000	140	2,615,000	93,000	160,000	
Toluene	443	1190	3.83	12.4	760,000	42,000	27,000	1,000	1,000	
Tetrachloroethene	BRL	BRL	BRL	0.520	11,000	560	5,672,000	160,000	160,000	
Ethylbenzene	10.4	21.4	BRL	BRL	1,650,000	9,300	1,702,000	95,000	95,000	
m,p-Xylene	40.2	75.7	1.40	1.20	500,000	38,000	1,702,000	160,000	160,000	
Styrene	33.6	10.8	BRL	1.10	8,000	9,300	28,000	95,000	95,000	
o-Xylene	14.0	18.8	0.570	BRL	500,000	9,300	1,702,000	160,000	160,000	
1,2,4-Trimethylbenzene	2.90	BRL	BRL	BRL	NE	1,400	NE	NE	15,000	
4-Ethyltoluene	6.90	BRL	BRL	BRL	NE	NE	NE	NE	NE	
1,2,4-Trimethylbenzene	18.6	BRL	0.960	BRL	NE	1,400	NE	NE	15,000	

Notes:
 VOC - Volatile Organic Compound
 RVC = Residential Volatilization Criteria
 I/C VC = Industrial/Commercial Volatilization Criteria
 ppbv - parts per billion in volume
 NE - None Established
 NA = Not Analyzed
 BRL - Below Reporting Limit

TABLE 4

ANALYTICAL SOIL RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Sample ID (Interval)							Pollutant Criteria (mg/kg)	
	S-1 (0-4')	S-2 (0-4')	S-3 (0-4')	S-4 (0-4')	S-5 (0-4')	S-6 (0-4')	S-7 (0-4')	RDEC	GA PMC
Acetone	BRL	BRL	0.117	BRL	0.252	0.149	BRL	500	14
All Other VOCs	BRL	BRL	BRL	BRL	BRL	BRL	BRL		
Lead	NA	NA	NA	NA	NA	NA	NA	400**	0.015
<i>VOCs (mg/kg)</i>									
<i>Metals by Mass Analysis (mg/kg)</i>									
<i>Total Petroleum Hydrocarbons (mg/kg)</i>									
Total Petroleum Hydrocarbons	NA	NA	NA	NA	NA	NA	NA	500	500

Notes:
 VOC - Volatile Organic Compounds
 PAHs - Polynuclear Aromatic Hydrocarbons
 GA PMC - Pollutant Mobility Criteria for GA/GAA Classification Areas
 RDEC - Residential Direct Exposure Criteria
 ETPH - Total Extractable Petroleum Hydrocarbons
 mg/kg - milligrams per kilogram
 NE - None Established
 NA - Not Analyzed
 BRL - Below Reporting Limit
 ** CTDPH Recommended Value Compared to RDEC of 500 mg/kg

TABLE 4

ANALYTICAL SOIL RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Sample ID (Interval)										Pollutant Criteria (mg/kg)	
	S-7 (4-8')	S-8 (0-4')	S-9 (0-4')	S-10 (0-4')	S-11 (0-4')	S-12 (0-4')	B-11 (15-17')	RDEC	GA PMC			
Acetone	0.202	0.237	0.151	0.098	BRL	0.147	0.0731	500	14			
All Other VOCs	BRL	BRL	BRL	BRL	BRL	BRL	BRL					
Lead	NA	NA	NA	NA	NA	NA	NA	400**	0.015			
<i>VOCs (mg/kg)</i>												
<i>Metals by Mass Analysis (mg/kg)</i>												
<i>Total Petroleum Hydrocarbons (mg/kg)</i>												
Total Petroleum Hydrocarbons	NA	NA	NA	NA	NA	NA	BRL	500	500			

Notes:

- VOC - Volatile Organic Compounds
- PAHs - Polynuclear Aromatic Hydrocarbons
- GA PMC - Pollutant Mobility Criteria for GA/GAA Classification Areas
- RDEC - Residential Direct Exposure Criteria
- ETPH - Total Extractable Petroleum Hydrocarbons
- mg/kg - milligrams per kilogram
- NE - None Established
- NA - Not Analyzed
- BRL - Below Reporting Limit
- ** CTDPH Recommended Value Compared to RDEC of 500 mg/kg

TABLE 4

ANALYTICAL SOIL RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Sample ID (Interval)							Pollutant Criteria (mg/kg)	
	S-13 (0-4')	S-14 (0-4')	S-15 (0-4')	S-16 (0-4')	S-17 (0-4')	S-17 (4-8')	S-17 (8-12')	RDEC	GA PMC
Acetone	NA	NA	NA	NA	NA	NA	NA	500	14
All Other VOCs	NA	NA	NA	NA	NA	NA	NA		
	<i>Metals by Mass Analysis (mg/kg)</i>								
Lead	22.2	162	58.8	48.7	71.3	10.7	11.2	400**	0.015
	<i>Total Petroleum Hydrocarbons (mg/kg)</i>								
Total Petroleum Hydrocarbons	NA	NA	NA	NA	NA	NA	NA	500	500

Notes:
 VOC - Volatile Organic Compounds
 PAHs - Polynuclear Aromatic Hydrocarbons
 GA PMC - Pollutant Mobility Criteria for GA/GAA Classification Areas
 RDEC - Residential Direct Exposure Criteria
 BTPH - Total Extractable Petroleum Hydrocarbons
 mg/kg - milligrams per kilogram
 NB - None Established
 NA - Not Analyzed
 BRL - Below Reporting Limit
 ** CTDPH Recommended Value Compared to RDEC of 500 mg/kg

TABLE 4

ANALYTICAL SOIL RESULTS
750 FARMINGTON AVENUE
FARMINGTON, CT

Parameter	Soil Sample ID (Interval)										Pollutant Criteria (mg/kg)	
	S-18 (0-4')	S-19 (0-4')	S-20 (0-4')	S-21 (0-4')	B-13 (5-7')	B-13 (10-12')	B-14 (15-17')	RDEC	GA PMC			
Acetone	NA	NA	NA	NA	NA	NA	NA	500	14			
All Other VOCs	NA	NA	NA	NA	NA	NA	NA					
<i>VOCs (mg/kg)</i>												
Lead	50.4	14	9.9	78.2	NA	NA	NA	400**	0.015			
<i>Metals by Mass Analysis (mg/kg)</i>												
<i>Total Petroleum Hydrocarbons (mg/kg)</i>												
Total Petroleum Hydrocarbons	NA	NA	NA	NA	BRL	BRL	BRL	500	500			

Notes:
 VOC - Volatile Organic Compounds
 PAHs - Polynuclear Aromatic Hydrocarbons
 GA PMC - Pollutant Mobility Criteria for GA/GAA Classification Areas
 RDEC - Residential Direct Exposure Criteria
 ETPH - Total Extractable Petroleum Hydrocarbons
 mg/kg - milligrams per kilogram
 NE - None Established
 NA - Not Analyzed
 BRL - Below Reporting Limit
 ** CTDPH Recommended Value Compared to RDEC of 500 mg/kg

TABLE 5

DETECTED CHEMICAL PARAMETERS - GROUND WATER MONITORING REPORT
 750 FARMINGTON AVENUE
 FARMINGTON, CONNECTICUT

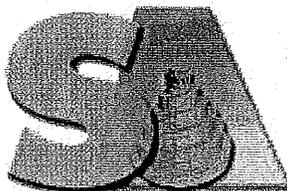
WELL ID	MW-1	MW-2	MW-3	SWPC ¹ (mg/L)	RES. VC ² (mg/L)	GWPC ³ (mg/L)
Sample No.	MW-1	MW-2	MW-3			
Date Sampled	10/18/2005	10/18/2005	10/18/2005			
Lead	ND<0.013	ND<0.013	ND<0.013	0.013		0.015
Selenium	ND<0.010	ND<0.010	ND<0.010	0.05		0.05
Cadmium	ND<0.005	ND<0.005	ND<0.005	0.006		0.005
Chromium	ND<0.05	ND<0.05	ND<0.05	0.11 ⁴		0.05
Arsenic	ND<0.004	ND<0.004	ND<0.004	0.004		0.05
Barium	0.13	0.089	0.053	NE ⁵		1.0
Silver	ND<0.012	ND<0.012	ND<0.012	0.012		0.036
Mercury	ND<0.002	ND<0.002	ND<0.002	0.0004		0.002
CT-ETPH	0.80 ⁶	ND<0.1	ND<0.1			
VOCs	ND	ND	ND			0.10

1. SWPC = Surface Water Protection Criteria for Substances in Ground Water
2. RES. VC = Residential Volatilization Criteria for Substances in Ground Water (proposed change in brackets)
3. GWPC = Ground Water Protection Criteria (do not apply to site)
4. SWPC for Chromium (VI); SWPC for Chromium (III) = 1.2 mg/L
5. NE = None Established
6. MW-1 was re-sampled on 10/31/2005 and analyzed for ETPH. Result of this event revealed ND<0.10 mg/L.

APPENDIX D

Soil Analytical Laboratory Report

Report Date:
16-Oct-08 13:13



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

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA85335-01	B-201 (0.33-2)	Soil	29-Sep-08 10:00	01-Oct-08 11:45
SA85335-03	B-201 (4-5.5)	Soil	29-Sep-08 10:15	01-Oct-08 11:45
SA85335-04	B-202 (0.33-2)	Soil	30-Sep-08 09:40	01-Oct-08 11:45
SA85335-05	B-202 (4-5)	Soil	30-Sep-08 09:50	01-Oct-08 11:45
SA85335-06	B-203 (0.5-1.5)	Soil	29-Sep-08 11:30	01-Oct-08 11:45
SA85335-07	B-203 (4-5.5)	Soil	29-Sep-08 11:40	01-Oct-08 11:45
SA85335-08	B-204 (0.5-2.5)	Soil	29-Sep-08 10:40	01-Oct-08 11:45
SA85335-09	B-204 (4-6)	Soil	29-Sep-08 10:45	01-Oct-08 11:45
SA85335-10	B-205 (1-2.5)	Soil	29-Sep-08 11:05	01-Oct-08 11:45
SA85335-11	B-205 (4-6)	Soil	29-Sep-08 11:15	01-Oct-08 11:45
SA85335-12	B-205 (6-8)	Soil	29-Sep-08 11:20	01-Oct-08 11:45
SA85335-13	B-206 (0.5-2.5)	Soil	29-Sep-08 09:45	01-Oct-08 11:45
SA85335-14	B-206 (4-6)	Soil	29-Sep-08 09:55	01-Oct-08 11:45
SA85335-16	B-207 (10-12)	Soil	29-Sep-08 09:05	01-Oct-08 11:45
SA85335-17	B-207 (12-14)	Soil	29-Sep-08 09:10	01-Oct-08 11:45
SA85335-18	B-207 (14-15)	Soil	29-Sep-08 09:15	01-Oct-08 11:45
SA85335-19	B-208 (0.66-2.5)	Soil	29-Sep-08 13:00	01-Oct-08 11:45
SA85335-20	B-209 (0.5-3)	Soil	30-Sep-08 08:10	01-Oct-08 11:45
SA85335-21	B-209 (4-4.5)	Soil	30-Sep-08 08:20	01-Oct-08 11:45
SA85335-22	B-210 (0.33-1.5)	Soil	29-Sep-08 14:45	01-Oct-08 11:45
SA85335-23	B-211 (0.25-2)	Soil	29-Sep-08 14:30	01-Oct-08 11:45
SA85335-24	B-211 (4-6.5)	Soil	29-Sep-08 14:40	01-Oct-08 11:45
SA85335-26	B-212 (4-5)	Soil	29-Sep-08 13:35	01-Oct-08 11:45
SA85335-27	B-212 (8-9.5)	Soil	29-Sep-08 13:40	01-Oct-08 11:45
SA85335-28	B-213 (1-2)	Soil	29-Sep-08 13:55	01-Oct-08 11:45
SA85335-29	B-213 (4-6)	Soil	29-Sep-08 14:00	01-Oct-08 11:45
SA85335-30	B-213 (8-10.5)	Soil	29-Sep-08 14:05	01-Oct-08 11:45
SA85335-31	B-214 (0.5-2.25)	Soil	30-Sep-08 11:00	01-Oct-08 11:45
SA85335-33	B-215 (0.33-1)	Soil	30-Sep-08 11:20	01-Oct-08 11:45
SA85335-34	B-215 (4-6)	Soil	30-Sep-08 11:25	01-Oct-08 11:45
SA85335-35	B-216 (0.33-2)	Soil	30-Sep-08 08:55	01-Oct-08 11:45
SA85335-36	B-216 (4-6)	Soil	30-Sep-08 09:00	01-Oct-08 11:45
SA85335-37	B-217 (0.33-1.5)	Soil	30-Sep-08 12:35	01-Oct-08 11:45
SA85335-38	B-217 (4-6)	Soil	30-Sep-08 12:40	01-Oct-08 11:45
SA85335-39	B-217 (8-9)	Soil	30-Sep-08 12:45	01-Oct-08 11:45
SA85335-40	B-218 (0.33-2)	Soil	30-Sep-08 13:30	01-Oct-08 11:45
SA85335-41	B-218 (4-5)	Soil	30-Sep-08 13:10	01-Oct-08 11:45
SA85335-42	B-218 (8-9.5)	Soil	30-Sep-08 13:15	01-Oct-08 11:45
SA85335-44	B-219 (0-1)	Soil	30-Sep-08 14:15	01-Oct-08 11:45
SA85335-45	B-219 (4-4.5)	Soil	30-Sep-08 14:20	01-Oct-08 11:45
SA85335-46	B-220 (0.5-2)	Soil	30-Sep-08 13:45	01-Oct-08 11:45

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA85335-47	B-220 (4-6.25)	Soil	30-Sep-08 13:50	01-Oct-08 11:45
SA85335-49	B-221 (0.5-2)	Soil	30-Sep-08 08:30	01-Oct-08 11:45
SA85335-50	MW-101 (0.25-2.25)	Soil	30-Sep-08 10:30	01-Oct-08 11:45
SA85335-51	MW-101 (4-5)	Soil	30-Sep-08 10:25	01-Oct-08 11:45
SA85335-52	MW-102 (0.25-2.5)	Soil	29-Sep-08 15:15	01-Oct-08 11:45
SA85335-53	MW-102 (4-5)	Soil	29-Sep-08 15:20	01-Oct-08 11:45
SA85335-54	MW-103 (0.33-2)	Soil	29-Sep-08 13:10	01-Oct-08 11:45
SA85335-56	MW-103 (6-7.5)	Soil	29-Sep-08 13:20	01-Oct-08 11:45
SA85335-57	MW-104 (0.5-3)	Soil	30-Sep-08 11:45	01-Oct-08 11:45
SA85335-58	MW-104 (4-5)	Soil	30-Sep-08 11:50	01-Oct-08 11:45
SA85335-59	Duplicate-1	Soil	30-Sep-08 00:00	01-Oct-08 11:45
SA85335-60	Duplicate-2	Soil	30-Sep-08 00:00	01-Oct-08 11:45
SA85335-61	Trip Blank	Methanol/Deionized Water	30-Sep-08 00:00	01-Oct-08 11:45

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.

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.

Please note that this report contains 217 pages of analytical data plus Chain of Custody document(s).

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Massachusetts # M-MA138/MA1110

Connecticut # PH-0777

Florida # E87600/E87936

Maine # MA138

New Hampshire # 2538

New Jersey # MA011/MA012

New York # 11393/11840

Pennsylvania # 68-04426/68-02924

Rhode Island # 98

USDA # S-51435

Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.

President/Laboratory Director

Technical Reviewer's Initial:

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

CASE NARRATIVE:

The samples were received 4.0 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 Dibromooctafluorobiphenyl 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

Spikes:

8100205-MS1 *Source: SA85112-08*

The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

C9-C36 Aliphatic Hydrocarbons

8100205-MSD1 *Source: SA85112-08*

The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

C9-C36 Aliphatic Hydrocarbons

SW 846 8260B

Laboratory Control Samples:

8100130-BS1

Analyte out of acceptance range.

2-Butanone (MEK)

8100130-BSD1

Analyte out of acceptance range.

2-Hexanone (MBK)

Chloromethane

Ethanol

RPD out of acceptance range.

2-Butanone (MEK)

8100131-BSD1

Analyte out of acceptance range.

2-Butanone (MEK)

8100217-BS1

Analyte out of acceptance range.

2-Hexanone (MBK)

8100217-BSD1

Analyte out of acceptance range.

1,2,3-Trichloropropane

2-Butanone (MEK)

RPD out of acceptance range.

2-Hexanone (MBK)

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

Chloromethane

Vinyl chloride

8100386-BS1

Analyte out of acceptance range.

2-Hexanone (MBK)

Chloromethane

8100386-BSD1

Analyte out of acceptance range.

2-Butanone (MEK)

Di-isopropyl ether

Tetrahydrofuran

RPD out of acceptance range.

2-Hexanone (MBK)

SW 846 8260B

Laboratory Control Samples:

8100395-BS1

Analyte out of acceptance range.

1,1,1,2-Tetrachloroethane

8100395-BSD1

Analyte out of acceptance range.

trans-1,3-Dichloropropene

Spikes:

8100395-MS1 *Source: SA85485-01*

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

Samples:

SA85335-03 *B-201 (4-5.5)*

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.

SA85335-05 *B-202 (4-5)*

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.

SA85335-06 *B-203 (0.5-1.5)*

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.

SA85335-07 *B-203 (4-5.5)*

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.

SA85335-09 *B-204 (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.

SA85335-12 *B-205 (6-8)*

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

1,2-Dichloroethane-d4

SA85335-19 *B-208 (0.66-2.5)*

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.

SA85335-22 *B-210 (0.33-1.5)*

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.

SA85335-23 *B-211 (0.25-2)*

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.

SA85335-24 *B-211 (4-6.5)*

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.

Samples:

SA85335-26 *B-212 (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.

SA85335-27 *B-212 (8-9.5)*

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.

SA85335-30 *B-213 (8-10.5)*

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.

SA85335-31 *B-214 (0.5-2.25)*

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.

SA85335-33 *B-215 (0.33-1)*

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.

SA85335-34 *B-215 (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.

SA85335-35 *B-216 (0.33-2)*

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

1,2-Dichloroethane-d4

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

Acetone

SA85335-36 *B-216 (4-6)*

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

1,2-Dichloroethane-d4

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

Acetone

SA85335-37 *B-217 (0.33-1.5)*

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:

SA85335-38 *B-217 (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.

SA85335-46 *B-220 (0.5-2)*

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.

SA85335-47 *B-220 (4-6.25)*

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.

SA85335-49 *B-221 (0.5-2)*

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.

SA85335-50 *MW-101 (0.25-2.25)*

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.

SA85335-51 *MW-101 (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.

SA85335-53 *MW-102 (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.

SA85335-54 *MW-103 (0.33-2)*

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.

SA85335-56 *MW-103 (6-7.5)*

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.

SA85335-57 *MW-104 (0.5-3)*

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.

SA85335-58 *MW-104 (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.

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Page 8 of 217

SW 846 8260B

Samples:

SA85335-60 *Duplicate-2*

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

1,2-Dichloroethane-d4

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

Acetone

SW846 1312/6010B

Duplicates:

8101060-DUP1 *Source: SA85335-60*

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.

Lead

SW846 6010B

Blanks:

8100086-BLK1

The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.

Silver

Spikes:

8100086-MS1 *Source: SA85335-38*

The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery

Chromium

8100086-MSD1 *Source: SA85335-38*

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

Arsenic

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.

Chromium

SW846 6010B

Duplicates:

8100083-DUP1 *Source: SA85335-01*

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
Cadmium

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

Lead

8100086-DUP1 *Source: SA85335-37*

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
Silver

SW846 8270C

Samples:

SA85335-36 *B-216 (4-6)*

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

VOC Soil Extraction

VOC Soil Extraction

Samples:

SA85335-01 *B-201 (0.33-2)*

Field extracted
VOC Extraction

SA85335-03 *B-201 (4-5.5)*

Field extracted
VOC Extraction

SA85335-04 *B-202 (0.33-2)*

Field extracted
VOC Extraction

SA85335-05 *B-202 (4-5)*

Field extracted
VOC Extraction

SA85335-06 *B-203 (0.5-1.5)*

Field extracted
VOC Extraction

SA85335-07 *B-203 (4-5.5)*

Field extracted
VOC Extraction

SA85335-08 *B-204 (0.5-2.5)*

Field extracted
VOC Extraction

SA85335-09 *B-204 (4-6)*

Field extracted
VOC Extraction

SA85335-10 *B-205 (1-2.5)*

Field extracted
VOC Extraction

SA85335-12 *B-205 (6-8)*

Field extracted
VOC Extraction

SA85335-13 *B-206 (0.5-2.5)*

Field extracted
VOC Extraction

VOC Soil Extraction

Samples:

SA85335-16 *B-207 (10-12)*

Field extracted

VOC Extraction

SA85335-17 *B-207 (12-14)*

Field extracted

VOC Extraction

SA85335-18 *B-207 (14-15)*

Field extracted

VOC Extraction

SA85335-19 *B-208 (0.66-2.5)*

Field extracted

VOC Extraction

SA85335-20 *B-209 (0.5-3)*

Field extracted

VOC Extraction

SA85335-21 *B-209 (4-4.5)*

Field extracted

VOC Extraction

SA85335-22 *B-210 (0.33-1.5)*

Field extracted

VOC Extraction

SA85335-23 *B-211 (0.25-2)*

Field extracted

VOC Extraction

SA85335-24 *B-211 (4-6.5)*

Field extracted

VOC Extraction

SA85335-26 *B-212 (4-5)*

Field extracted

VOC Extraction

SA85335-27 *B-212 (8-9.5)*

Field extracted

VOC Extraction

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* Reportable Detection Limit

BRL = Below Reporting Limit

VOC Soil Extraction

Samples:

SA85335-28 *B-213 (1-2)*

Field extracted

VOC Extraction

SA85335-30 *B-213 (8-10.5)*

Field extracted

VOC Extraction

SA85335-31 *B-214 (0.5-2.25)*

Field extracted

VOC Extraction

SA85335-33 *B-215 (0.33-1)*

Field extracted

VOC Extraction

SA85335-34 *B-215 (4-6)*

Field extracted

VOC Extraction

SA85335-35 *B-216 (0.33-2)*

Field extracted

VOC Extraction

SA85335-36 *B-216 (4-6)*

Field extracted

VOC Extraction

SA85335-37 *B-217 (0.33-1.5)*

Field extracted

VOC Extraction

SA85335-38 *B-217 (4-6)*

Field extracted

VOC Extraction

SA85335-39 *B-217 (8-9)*

Field extracted

VOC Extraction

SA85335-40 *B-218 (0.33-2)*

Field extracted

VOC Extraction

VOC Soil Extraction

Samples:

SA85335-42 *B-218 (8-9.5)*

Field extracted

VOC Extraction

SA85335-44 *B-219 (0-1)*

Field extracted

VOC Extraction

SA85335-45 *B-219 (4-4.5)*

Field extracted

VOC Extraction

SA85335-46 *B-220 (0.5-2)*

Field extracted

VOC Extraction

SA85335-47 *B-220 (4-6.25)*

Field extracted

VOC Extraction

SA85335-49 *B-221 (0.5-2)*

Field extracted

VOC Extraction

SA85335-50 *MW-101 (0.25-2.25)*

Field extracted

VOC Extraction

SA85335-51 *MW-101 (4-5)*

Field extracted

VOC Extraction

SA85335-52 *MW-102 (0.25-2.5)*

Field extracted

VOC Extraction

SA85335-53 *MW-102 (4-5)*

Field extracted

VOC Extraction

SA85335-54 *MW-103 (0.33-2)*

Field extracted

VOC Extraction

VOC Soil Extraction

Samples:

SA85335-56 *MW-103 (6-7.5)*

Field extracted

VOC Extraction

SA85335-57 *MW-104 (0.5-3)*

Field extracted

VOC Extraction

SA85335-58 *MW-104 (4-5)*

Field extracted

VOC Extraction

SA85335-60 *Duplicate-2*

Field extracted

VOC Extraction

Sample Identification

B-201 (0.33-2)

SA85335-01

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:00

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	53.1		mg/kg dry	1.56	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	88.1		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 B-201 (4-5.5)
 SA85335-03

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 10:15

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 8.67 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	38.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	38.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	7.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	38.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	38.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	38.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-201 (4-5.5)

SA85335-03

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:15

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 8.67 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	38.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	38.9	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	77.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1550	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	96		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	99		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	122		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	103		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	29.5	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.5	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	128		50-150 %			"	"	"	"	
-----------	--------------------	-----	--	----------	--	--	---	---	---	---	--

General Chemistry Parameters

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 18 of 217

Sample Identification

B-201 (4-5.5)

SA85335-03

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:15

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
General Chemistry Parameters											
	% Solids	88.7		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 19 of 217

Sample Identification

B-202 (0.33-2)

SA85335-04

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 09:40

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
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	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	147	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	147	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	147	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	147	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	147	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	147	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	147	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	147	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	147	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	147	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	147	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	147	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	147	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	2-Fluorobiphenyl	76			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-dl4	79			30-130 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	2.00		mg/kg dry	1.47	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
7439-92-1	Lead	24.4		mg/kg dry	1.47	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-202 (4-5)

SA85335-05

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 09:50

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
		VOC8, VC10					Initial weight: 19.47 g				
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	42.9	50	SW 846 8260B	06-Oct-08	06-Oct-08	8100395	
67-64-1	Acetone	BRL		µg/kg dry	429	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	42.9	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	42.9	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	429	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	215	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	42.9	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	42.9	50	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	85.8	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	42.9	50	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	429	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	429	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	429	50	"	"	"	"	X
91-20-3	Naphthalene	71.2		µg/kg dry	42.9	50	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-202 (4-5)
SA85335-05

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 09:50

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Soil (high level)											
VOC8, VC10 Initial weight: 19.47 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	42.9	50	SW 846 8260B	06-Oct-08	06-Oct-08	8100395	
100-42-5	Styrene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	42.9	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	42.9	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	85.8	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	429	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	429	50	"	"	"	"	
123-91-1	1,4-Dioxane	8,570		µg/kg dry	858	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	215	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	17200	50	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	110		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	112		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	113		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	104		70-130 %			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	138	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	138	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	138	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	138	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	138	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	138	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationB-202 (4-5)
SA85335-05Client Project #
03-273-03EMatrix
SoilCollection Date/Time
30-Sep-08 09:50Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	138	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	138	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	138	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	68			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	80			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	138	1	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	138	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	138	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	138	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	138	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	138	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	138	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	138	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	138	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	138	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	138	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	138	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	65			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	71			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	20.6	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	20.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	20.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	20.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	20.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	20.6	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	20.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	73			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	92			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.5	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.5	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationB-202 (4-5)
SA85335-05Client Project #
03-273-03EMatrix
SoilCollection Date/Time
30-Sep-08 09:50Received
01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.5	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	27.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	27.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.5	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
3386-33-2	1-Chlorooctadecane	110			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.38	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.38	1	"	"	"	"	X
7440-39-3	Barium	37.9		mg/kg dry	0.920	1	"	"	"	"	X
7440-43-9	Cadmium	0.681		mg/kg dry	0.460	1	"	"	"	"	X
7440-47-3	Chromium	12.3		mg/kg dry	0.920	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0291	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	4.56		mg/kg dry	1.38	1	SW846 6010B	"	03-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.38	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	95.3		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-203 (0.5-1.5)

SA85335-06

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:30

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatil Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatil Organic Compounds											
			VC10								
Prepared by method SW846 5035A Soil (low level) Initial weight: 6.87 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	48.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.4	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	9.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	48.4	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	48.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
 B-203 (0.5-1.5)
 SA85335-06

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 11:30

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 6.87 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	48.4	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	96.9	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1940	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	97			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	129			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	109			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	151	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	442		µg/kg dry	151	1	"	"	"	"	X
120-12-7	Anthracene	193		µg/kg dry	151	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,420		µg/kg dry	151	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,560		µg/kg dry	151	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,550		µg/kg dry	151	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	848		µg/kg dry	151	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,180		µg/kg dry	151	1	"	"	"	"	X
218-01-9	Chrysene	1,530		µg/kg dry	151	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	222		µg/kg dry	151	1	"	"	"	"	X
206-44-0	Fluoranthene	1,730		µg/kg dry	151	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	151	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	1,010		µg/kg dry	151	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	151	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-203 (0.5-1.5)

SA85335-06

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:30

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	151	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	151	1	"	"	"	"	X
85-01-8	Phenanthrene	384		µg/kg dry	151	1	"	"	"	"	X
129-00-0	Pyrene	2,250		µg/kg dry	151	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	108			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	116			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.8	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.8	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.8	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	78			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	80			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.3	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.3	1	"	"	"	"	
	Unidentified	217		mg/kg dry	30.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	217		mg/kg dry	30.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	217		mg/kg dry	30.3	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	62			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.70	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.70	1	"	"	"	"	X
7440-39-3	Barium	72.9		mg/kg dry	1.14	1	"	"	"	"	X
7440-43-9	Cadmium	0.602		mg/kg dry	0.568	1	"	"	"	"	X
7440-47-3	Chromium	19.6		mg/kg dry	1.14	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	0.0715		mg/kg dry	0.0322	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	51.6		mg/kg dry	1.70	1	SW846 6010B	"	03-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.70	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	87.8		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-203 (4-5.5)

SA85335-07

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level) Initial weight: 7.59 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.1	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	41.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.1	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.1	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	41.3	1	"	"	"	"	X
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	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.1	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.3	1	"	"	"	"	X
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	8.3	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	8.3	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.1	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	41.3	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	41.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	41.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.1	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-203 (4-5.5)

SA85335-07

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 7.59 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.1	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.1	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	41.3	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	41.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	82.5	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1650	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	120			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	209		µg/kg dry	143	1	"	"	"	"	X
120-12-7	Anthracene	262		µg/kg dry	143	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	599		µg/kg dry	143	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	615		µg/kg dry	143	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	662		µg/kg dry	143	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	224		µg/kg dry	143	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	568		µg/kg dry	143	1	"	"	"	"	X
218-01-9	Chrysene	786		µg/kg dry	143	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
206-44-0	Fluoranthene	1,050		µg/kg dry	143	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	262		µg/kg dry	143	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-203 (4-5.5)

SA85335-07

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
85-01-8	Phenanthrene	453		µg/kg dry	143	1	"	"	"	"	X
129-00-0	Pyrene	1,250		µg/kg dry	143	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	64			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	76			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	182		µg/kg dry	143	1	"	"	"	"	X
120-12-7	Anthracene	231		µg/kg dry	143	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	657		µg/kg dry	143	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	578		µg/kg dry	143	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	622		µg/kg dry	143	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	330		µg/kg dry	143	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	475		µg/kg dry	143	1	"	"	"	"	X
218-01-9	Chrysene	694		µg/kg dry	143	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
206-44-0	Fluoranthene	1,100		µg/kg dry	143	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	370		µg/kg dry	143	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
85-01-8	Phenanthrene	482		µg/kg dry	143	1	"	"	"	"	X
129-00-0	Pyrene	1,120		µg/kg dry	143	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	64			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	70			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.1	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	29.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.1	1	"	"	"	"	
	Unidentified	357		mg/kg dry	29.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	29.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	357		mg/kg dry	29.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	357		mg/kg dry	29.1	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	117			50-150 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	90.9		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-204 (0.5-2.5)

SA85335-08

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatiles Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatiles Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 4.8 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	6.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	69.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	69.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-204 (0.5-2.5)
SA85335-08

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 10:40

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.8 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.2	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	138	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2770	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	127			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	154	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	226		µg/kg dry	154	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	154	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	342		µg/kg dry	154	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	380		µg/kg dry	154	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	428		µg/kg dry	154	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	212		µg/kg dry	154	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	323		µg/kg dry	154	1	"	"	"	"	X
218-01-9	Chrysene	526		µg/kg dry	154	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	154	1	"	"	"	"	X
206-44-0	Fluoranthene	524		µg/kg dry	154	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	154	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	199		µg/kg dry	154	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	154	1	"	"	"	"	

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-204 (0.5-2.5)

SA85335-08

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:40

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	154	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	154	1	"	"	"	"	X
85-01-8	Phenanthrene	179		µg/kg dry	154	1	"	"	"	"	X
129-00-0	Pyrene	940		µg/kg dry	154	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	66			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	84			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	154	1	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	247		µg/kg dry	154	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	154	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	390		µg/kg dry	154	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	413		µg/kg dry	154	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	434		µg/kg dry	154	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	257		µg/kg dry	154	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	303		µg/kg dry	154	1	"	"	"	"	X
218-01-9	Chrysene	482		µg/kg dry	154	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	154	1	"	"	"	"	X
206-44-0	Fluoranthene	550		µg/kg dry	154	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	154	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	254		µg/kg dry	154	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	154	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	154	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	154	1	"	"	"	"	X
85-01-8	Phenanthrene	178		µg/kg dry	154	1	"	"	"	"	X
129-00-0	Pyrene	809		µg/kg dry	154	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	67			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	74			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.7	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.7	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	30.7	1	"	"	"	"	
J001000000	Aviation Fuel	BRL		mg/kg dry	30.7	1	"	"	"	"	
	Unidentified	233		mg/kg dry	30.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	233		mg/kg dry	30.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	233		mg/kg dry	30.7	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	123			50-150 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 33 of 217

Sample Identification

B-204 (4-6)

SA85335-09

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 10:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatiles Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatiles Organic Compounds</u> VC10											
Prepared by method SW846 5035A Soil (low level) Initial weight: 6.79 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW 846 8260B	06-Oct-08	06-Oct-08	8100386	
67-64-1	Acetone	BRL		µg/kg dry	50.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.0	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	50.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	50.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 34 of 217

Sample Identification

B-204 (4-6)
SA85335-09

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 10:45

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
				VC10	Initial weight: 6.79 g						
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW 846 8260B	06-Oct-08	06-Oct-08	8100386	
100-42-5	Styrene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.2	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2010	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	102			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	129			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.5	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.5	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	74			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	91			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationB-204 (4-6)
SA85335-09Client Project #
03-273-03EMatrix
SoilCollection Date/Time
29-Sep-08 10:45Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.7	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	124			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.71	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
7440-38-2	Arsenic	2.23		mg/kg dry	1.71	1	"	"	"	"	X
7440-39-3	Barium	43.0		mg/kg dry	1.14	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.568	1	"	"	"	"	X
7440-47-3	Chromium	17.9		mg/kg dry	1.14	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0336	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	10.9		mg/kg dry	1.71	1	SW846 6010B	"	03-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	86.6		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-205 (1-2.5)

SA85335-10

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:05

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.89 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	49.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	9.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-205 (1-2.5)

SA85335-10

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:05

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.89 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1970	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	95			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	97			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	104			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	279	2	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	279	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	279	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	657		µg/kg dry	279	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	693		µg/kg dry	279	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	716		µg/kg dry	279	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	335		µg/kg dry	279	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	677		µg/kg dry	279	2	"	"	"	"	X
218-01-9	Chrysene	878		µg/kg dry	279	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	279	2	"	"	"	"	X
206-44-0	Fluoranthene	1,000		µg/kg dry	279	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	279	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	355		µg/kg dry	279	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	279	2	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-205 (1-2.5)

SA85335-10

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:05

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	279	2	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	279	2	"	"	"	"	X
85-01-8	Phenanthrene	333		µg/kg dry	279	2	"	"	"	"	X
129-00-0	Pyrene	1,720		µg/kg dry	279	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	63			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-dl4	88			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	279	2	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	279	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	279	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	690		µg/kg dry	279	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	685		µg/kg dry	279	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	704		µg/kg dry	279	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	411		µg/kg dry	279	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	554		µg/kg dry	279	2	"	"	"	"	X
218-01-9	Chrysene	934		µg/kg dry	279	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	279	2	"	"	"	"	X
206-44-0	Fluoranthene	1,050		µg/kg dry	279	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	279	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	447		µg/kg dry	279	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	279	2	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	279	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	279	2	"	"	"	"	X
85-01-8	Phenanthrene	383		µg/kg dry	279	2	"	"	"	"	X
129-00-0	Pyrene	1,360		µg/kg dry	279	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	64			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-dl4	69			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.6	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.6	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	28.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.6	1	"	"	"	"	
	Unidentified	345		mg/kg dry	28.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	345		mg/kg dry	28.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	345		mg/kg dry	28.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	119			50-150 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-205 (4-6)

SA85335-11

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:15

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.2	1	+CT ETPH	08-Oct-08	09-Oct-08	8100578	
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	BRL		mg/kg dry	29.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.2	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	88			50-150 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	90.0		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100647	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification**B-205 (6-8)**

SA85335-12

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 11:20

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.98 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	5.8	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	57.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationB-205 (6-8)
SA85335-12Client Project #
03-273-03EMatrix
SoilCollection Date/Time
29-Sep-08 11:20Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.98 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.5	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	115	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2300	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	97			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	131	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	104			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	152	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	152	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	152	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	152	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	152	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	152	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	152	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	152	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationB-205 (6-8)
SA85335-12Client Project #
03-273-03EMatrix
SoilCollection Date/Time
29-Sep-08 11:20Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	152	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	152	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	152	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	152	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	71			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	75			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.8	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.8	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.8	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	66			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	84			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.5	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Unidentified	51.3		mg/kg dry	30.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	51.3		mg/kg dry	30.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	51.3		mg/kg dry	30.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	117			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	SW846 6010B	02-Oct-08	03-Oct-08	8100083	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.64	1	"	"	"	"	X
7440-39-3	Barium	49.2		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.546	1	"	"	"	"	X
7440-47-3	Chromium	15.2		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.0788		mg/kg dry	0.0340	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	26.6		mg/kg dry	1.64	1	SW846 6010B	"	03-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.64	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.4		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100275	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-206 (0.5-2.5)

SA85335-13

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 4.71 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.3	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	73.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.3	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	14.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.3	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	73.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.3	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
B-206 (0.5-2.5)
 SA85335-13

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 09:45

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.71 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.3	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	147	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	36.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2930	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	97			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	98			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	130			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	107			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	157	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	157	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	157	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	293		µg/kg dry	157	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	260		µg/kg dry	157	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	249		µg/kg dry	157	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	199		µg/kg dry	157	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	218		µg/kg dry	157	1	"	"	"	"	X
218-01-9	Chrysene	320		µg/kg dry	157	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	X
206-44-0	Fluoranthene	464		µg/kg dry	157	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	157	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	199		µg/kg dry	157	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-206 (0.5-2.5)

SA85335-13

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:45

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	157	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	157	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	157	1	"	"	"	"	X
129-00-0	Pyrene	492		µg/kg dry	157	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	70			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	72			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.0	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.0	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.0	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.0	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.0	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.0	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.0	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.0	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	23.0	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	77			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	78			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.5	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.5	1	"	"	"	"	
	Unidentified	158		mg/kg dry	31.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	31.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	158		mg/kg dry	31.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	158		mg/kg dry	31.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	107			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.77	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
7440-38-2	Arsenic	3.29		mg/kg dry	1.77	1	"	"	"	"	X
7440-39-3	Barium	134		mg/kg dry	1.18	1	"	"	"	"	X
7440-43-9	Cadmium	0.732		mg/kg dry	0.590	1	"	"	"	"	X
7440-47-3	Chromium	17.9		mg/kg dry	1.18	1	"	"	"	"	X
7439-97-6	Mercury	0.451		mg/kg dry	0.0356	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	208		mg/kg dry	1.77	1	SW846 6010B	"	04-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.77	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-206 (0.5-2.5)
SA85335-13

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 09:45

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7440-39-3	Barium	BRL		mg/l	0.0100	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	10-Oct-08	8100700	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	83.6		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-206 (4-6)

SA85335-14

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:55

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	157	1	SW846 8270C	08-Oct-08	08-Oct-08	8100579	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	157	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	157	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	157	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	157	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	157	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	157	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	157	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	157	1	"	"	"	"	X

Surrogate recoveries:

321-60-8	2-Fluorobiphenyl	69			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	74			30-130 %		"	"	"	"	

Extractable Petroleum HydrocarbonsExtractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	31.4	1	+CT ETPH	08-Oct-08	09-Oct-08	8100578	
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	BRL		mg/kg dry	31.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	31.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	31.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.4	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	66			50-150 %		"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

7439-92-1	Lead	101		mg/kg dry	1.62	1	SW846 6010B	08-Oct-08	10-Oct-08	8100617	X
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General Chemistry Parameters

	% Solids	83.1		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100647	
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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (10-12)

SA85335-16

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:05

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 4.23 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	7.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	79.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	79.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.5	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	79.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	79.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	79.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (10-12)

SA85335-16

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:05

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.23 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	79.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	79.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	158	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.5	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3160	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	104			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	104			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	124			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.8	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.8	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.8	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	79			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	88			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification**B-207 (10-12)**

SA85335-16

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:05

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.6	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	110		50-150 %			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.5		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (12-14)

SA85335-17

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:10

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatiles Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatiles Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.31 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	59.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	11.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (12-14)

SA85335-17

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:10

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.31 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.2	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	118	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2370	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	101			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	126			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	104			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	148	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	148	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	148	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	148	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	148	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	148	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	148	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	148	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	148	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	148	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	148	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	148	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	148	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	148	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (12-14)

SA85335-17

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:10

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	148	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	148	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	148	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	148	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	84			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	87			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.3	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.3	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.3	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	76			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	88			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.6	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
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	BRL		mg/kg dry	29.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	94			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.54	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
7440-38-2	Arsenic	BRL		mg/kg dry	1.54	1	"	"	"	"	X
7440-39-3	Barium	127		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	0.715		mg/kg dry	0.514	1	"	"	"	"	X
7440-47-3	Chromium	27.1		mg/kg dry	1.03	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0318	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	11.4		mg/kg dry	1.54	1	SW846 6010B	"	04-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (12-14)

SA85335-17

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:10

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
General Chemistry Parameters											
	% Solids	88.9		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-207 (14-15)

SA85335-18

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:15

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatiles Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatiles Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.09 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	51.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-25-2	Bromoforn	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	25.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	10.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	51.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	51.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	51.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-207 (14-15)

SA85335-18

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:15

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.09 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	51.9	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	104	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2080	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	105			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	100			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.1	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	78			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	90			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification**B-207 (14-15)**

SA85335-18

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:15

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.9	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	28.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.9	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	144			50-150 %		"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.4		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-208 (0.66-2.5)

SA85335-19

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
				VC10, VOC8			Initial weight: 22.34 g				
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	42.9	50	SW 846 8260B	06-Oct-08	06-Oct-08	8100395	
67-64-1	Acetone	BRL		µg/kg dry	429	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	42.9	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	42.9	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	429	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	214	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	42.9	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	42.9	50	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	85.8	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	42.9	50	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	429	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	42.9	50	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	429	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	429	50	"	"	"	"	X
91-20-3	Naphthalene	89.2		µg/kg dry	42.9	50	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
 B-208 (0.66-2.5)
 SA85335-19

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 13:00

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Soil (high level)											
VC10, VOC8 Initial weight: 22.34 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	42.9	50	SW 846 8260B	06-Oct-08	06-Oct-08	8100395	
100-42-5	Styrene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
127-18-4	Tetrachloroethene	78.1		µg/kg dry	42.9	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	42.9	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	42.9	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	42.9	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	85.8	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	42.9	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	429	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	42.9	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	429	50	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	858	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	214	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	17200	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	105			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	112			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	725	5	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	725	5	"	"	"	"	X
120-12-7	Anthracene	1,850		µg/kg dry	725	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	4,380		µg/kg dry	725	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	3,860		µg/kg dry	725	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	3,420		µg/kg dry	725	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	1,640		µg/kg dry	725	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	3,490		µg/kg dry	725	5	"	"	"	"	X
218-01-9	Chrysene	4,230		µg/kg dry	725	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	725	5	"	"	"	"	X
206-44-0	Fluoranthene	9,800		µg/kg dry	725	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	725	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	1,970		µg/kg dry	725	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	725	5	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-208 (0.66-2.5)

SA85335-19

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	725	5	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	725	5	"	"	"	"	X
85-01-8	Phenanthrene	7,260		µg/kg dry	725	5	"	"	"	"	X
129-00-0	Pyrene	11,100		µg/kg dry	725	5	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	85			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	97			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.1	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.1	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.1	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	72			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	100			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	58.0	2	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	58.0	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	58.0	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	58.0	2	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	58.0	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	58.0	2	"	"	"	"	
	Unidentified	480		mg/kg dry	58.0	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	58.0	2	"	"	"	"	
	Total Petroleum Hydrocarbons	480		mg/kg dry	58.0	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	480		mg/kg dry	58.0	2	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	85			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.47	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
7440-38-2	Arsenic	1.89		mg/kg dry	1.47	1	"	"	"	"	X
7440-39-3	Barium	118		mg/kg dry	0.978	1	"	"	"	"	X
7440-43-9	Cadmium	0.709		mg/kg dry	0.489	1	"	"	"	"	X
7440-47-3	Chromium	17.7		mg/kg dry	0.978	1	"	"	"	"	X
7439-97-6	Mercury	0.117		mg/kg dry	0.0311	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	128		mg/kg dry	1.47	1	SW846 6010B	"	04-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.47	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	90.0		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-209 (0.5-3)

SA85335-20

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:10

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.01 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	68.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	68.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	13.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	68.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	68.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	68.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-209 (0.5-3)

SA85335-20

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:10

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic CompoundsVolatile Organic Compounds

Prepared by method SW846 5035A Soil (low level)

Initial weight: 5.01 g

103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	10.8		µg/kg dry	6.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	68.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	68.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	137	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2740	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	129		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	101		70-130 %			"	"	"	"	

Extractable Petroleum HydrocarbonsExtractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	30.5	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.5	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	126		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
B-209 (0.5-3)
SA85335-20

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 08:10

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	25.1		mg/kg dry	1.64	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	84.2		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-209 (4-4.5)

SA85335-21

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:20

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.96 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	63.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	12.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	63.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-209 (4-4.5)

SA85335-21

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:20

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.96 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.7	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	127	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2550	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	101			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.8	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.8	1	"	"	"	"	
J001000000	Aviation Fuel	BRL		mg/kg dry	31.8	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	31.8	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	31.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.8	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
3386-33-2	1-Chlorooctadecane	121			50-150 %		"	"	"	"	
General Chemistry Parameters											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-209 (4-4.5)

SA85335-21

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:20

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
General Chemistry Parameters											
	% Solids	80.9		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-210 (0.33-1.5)

SA85335-22

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level) Initial weight: 7.4 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.3	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	42.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	42.6	1	"	"	"	"	X
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	21.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
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	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	8.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.3	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	42.6	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	42.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	42.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.3	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-210 (0.33-1.5)

SA85335-22

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
VC10 Initial weight: 7.4 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.3	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.3	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	42.6	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	42.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	85.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	21.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1710	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	97			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	130			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	102			70-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	58.0	2	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	58.0	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	58.0	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	58.0	2	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	58.0	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	58.0	2	"	"	"	"	
	Unidentified	395		mg/kg dry	58.0	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	58.0	2	"	"	"	"	
	Total Petroleum Hydrocarbons	395		mg/kg dry	58.0	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	395		mg/kg dry	58.0	2	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	111			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-210 (0.33-1.5)

SA85335-22

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:45

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	16.7		mg/kg dry	1.42	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	90.5		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-211 (0.25-2)

SA85335-23

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:30

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
			VC10				Initial weight: 7.39 g				
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	44.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	44.8	1	"	"	"	"	X
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	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.0	1	"	"	"	"	X
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	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	9.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.5	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	44.8	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	44.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	44.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 71 of 217

Sample Identification

B-211 (0.25-2)

SA85335-23

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:30

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 7.39 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1790	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	96		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	96		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	133	SGC	70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	104		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	29.7	1	+CT ETPH	02-Oct-08	06-Oct-08	8100118	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	120		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-211 (0.25-2)

SA85335-23

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:30

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	8.47		mg/kg dry	1.55	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	88.4		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 73 of 217

Sample Identification

B-211 (4-6.5)

SA85335-24

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:40

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
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	4.9	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	49.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.6	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	9.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 74 of 217

Sample Identification

B-211 (4-6.5)
SA85335-24

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 14:40

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 6.74 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.2	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1970	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	98		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	96		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	126		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	100		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	30.1	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.1	1	"	"	"	"	
	Unidentified	34.6		mg/kg dry	30.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	34.6		mg/kg dry	30.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	34.6		mg/kg dry	30.1	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	109		50-150 %			"	"	"	"	
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General Chemistry Parameters

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-211 (4-6.5)

SA85335-24

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:40

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
General Chemistry Parameters											
	% Solids	87.8		%		1	SM2540 G Mod.	03-Oct-08	03-Oct-08	8100276	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-212 (4-5)

SA85335-26

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:35

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
VC10 Initial weight: 9.23 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	3.0	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	30.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	30.3	1	"	"	"	"	X
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	15.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	X
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	6.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.0	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	30.3	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	30.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	30.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-212 (4-5)

SA85335-26

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:35

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 9.23 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.0	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.0	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	30.3	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	30.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	60.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	15.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1210	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	4-Bromofluorobenzene	95			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	95			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	101			70-130 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	96.0		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-212 (8-9.5)

SA85335-27

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
			VC10				Initial weight: 7.3 g				
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	37.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromofrom	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	37.9	1	"	"	"	"	X
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	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	X
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	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.9	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	37.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	37.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-212 (8-9.5)

SA85335-27

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic CompoundsVolatile Organic Compounds

VC10

Initial weight: 7.3 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1520	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	103		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	103		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	102		70-130 %			"	"	"	"	

Extractable Petroleum HydrocarbonsExtractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	27.4	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	27.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	27.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.4	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	113		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-212 (8-9.5)

SA85335-27

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:40

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	5.98		mg/kg dry	1.50	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	95.8		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification**B-213 (1-2)**

SA85335-28

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:55

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.12 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	56.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.1	1	"	"	"	"	X
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	28.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
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	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.1	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-213 (1-2)

SA85335-28

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:55

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic CompoundsVolatile Organic Compounds

Prepared by method SW846 5035A Soil (low level)

Initial weight: 5.12 g

103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.1	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	56.1	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	100		70-130 %		"	"	"	"	"	
2037-26-5	Toluene-d8	102		70-130 %		"	"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	124		70-130 %		"	"	"	"	"	
1868-53-7	Dibromofluoromethane	101		70-130 %		"	"	"	"	"	

Extractable Petroleum HydrocarbonsExtractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	27.6	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.6	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	118		50-150 %		"	"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-213 (1-2)
SA85335-28

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 13:55

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	12.5		mg/kg dry	1.57	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	93.2		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationB-213 (4-6)
SA85335-29Client Project #
03-273-03EMatrix
SoilCollection Date/Time
29-Sep-08 14:00Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.6	1	+CT ETPH	08-Oct-08	09-Oct-08	8100578	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.6	1	"	"	"	"	"
	Unidentified	36.1		mg/kg dry	27.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	36.1		mg/kg dry	27.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	36.1		mg/kg dry	27.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	52			50-150 %		"	"	"	"	"
General Chemistry Parameters											
	% Solids	94.6		%		1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100647	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification**B-213 (8-10.5)**

SA85335-30

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:05

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level) Initial weight: 8.15 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	38.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	38.4	1	"	"	"	"	X
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	19.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
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	7.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	38.4	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	38.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	38.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 86 of 217

Sample Identification

B-213 (8-10.5)

SA85335-30

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:05

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 8.15 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	38.4	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	38.4	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	76.9	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	19.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1540	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	95		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	95		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	99		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	28.1	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
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	58.5		mg/kg dry	28.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	58.5		mg/kg dry	28.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	58.5		mg/kg dry	28.1	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	110		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-213 (8-10.5)

SA85335-30

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:05

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	10.7		mg/kg dry	1.49	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	91.2		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-214 (0.5-2.25)

SA85335-31

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatil Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatil Organic Compounds											
Prepared by method SW846 5035A Soil (low level) VC10 Initial weight: 6.8 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	62.1	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.1	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	12.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.1	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	62.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-214 (0.5-2.25)

SA85335-31

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 6.8 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.1	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2480	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	103			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	138	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	34.0	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	34.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	34.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	127			50-150 %		"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-214 (0.5-2.25)
SA85335-31

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 11:00

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	17.9		mg/kg dry	1.78	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	77.4		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-215 (0.33-1)

SA85335-33

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:20

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.6	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	36.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	36.0	1	"	"	"	"	X
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	18.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
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	7.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.6	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	36.0	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	36.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	36.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.6	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 92 of 217

Sample Identification

B-215 (0.33-1)

SA85335-33

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:20

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 8.13 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.6	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	36.0	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	36.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	72.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	18.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1440	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	104		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	101		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	104		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	27.7	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
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	BRL		mg/kg dry	27.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	27.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.7	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	105		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-215 (0.33-1)
SA85335-33

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:20

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	9.04		mg/kg dry	1.35	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	93.9		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

Sample Identification

B-215 (4-6)
SA85335-34

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 11:25

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	41.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	41.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	8.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	41.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	41.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	41.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 B-215 (4-6)
 SA85335-34

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 30-Sep-08 11:25

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>			VC10								
Prepared by method SW846 5035A Soil (low level)											
										Initial weight: 7.74 g	
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	41.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	41.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	83.8	1	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1680	1	"	"	"	"	
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	123			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	101			70-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.7	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	98			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-215 (4-6)
SA85335-34

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 11:25

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	7.24		mg/kg dry	1.57	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
General Chemistry Parameters											
	% Solids	89.6		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

Sample Identification

B-216 (0.33-2)

SA85335-35

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:55

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatil Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatil Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 4.23 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	7.9	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	105	VOC6	µg/kg dry	78.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.9	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.9	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.9	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.9	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	78.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	78.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.9	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 98 of 217

Sample Identification

B-216 (0.33-2)

SA85335-35

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:55

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.23 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.9	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.9	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.9	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.9	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.9	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	78.7	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	157	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	39.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3150	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	4-Bromofluorobenzene	104			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	99			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	140	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	111			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	152	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	152	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	152	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	152	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	152	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	152	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	152	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	152	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	152	1	"	"	"	"	

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Sample Identification

B-216 (0.33-2)

SA85335-35

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:55

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	152	1	SW846 8270C	02-Oct-08	05-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	152	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	152	1	"	"	"	"	X
129-00-0	Pyrene	225		µg/kg dry	152	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	71			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	68			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.4	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.4	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.4	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.4	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.4	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.4	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.4	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.4	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	23.4	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	83			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	78			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.4	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.4	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	30.4	1	"	"	"	"	
J001000000	Aviation Fuel	BRL		mg/kg dry	30.4	1	"	"	"	"	
	Unidentified	1,620		mg/kg dry	30.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	1,620		mg/kg dry	30.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,620		mg/kg dry	30.4	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	87			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.58	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
7440-38-2	Arsenic	1.80		mg/kg dry	1.58	1	"	"	"	"	X
7440-39-3	Barium	91.8		mg/kg dry	1.06	1	"	"	"	"	X
7440-43-9	Cadmium	1.01		mg/kg dry	0.528	1	"	"	"	"	X
7440-47-3	Chromium	14.5		mg/kg dry	1.06	1	"	"	"	"	X
7439-97-6	Mercury	0.212		mg/kg dry	0.0353	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	163		mg/kg dry	1.58	1	SW846 6010B	"	04-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.58	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-216 (0.33-2)
SA85335-35

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 08:55

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
General Chemistry Parameters											
	% Solids	84.8		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification**B-216 (4-6)**

SA85335-36

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 09:00

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 4.5 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.0	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	87.1	VOC6	µg/kg dry	69.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.0	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	13.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.0	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	69.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-216 (4-6)

SA85335-36

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 09:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.5 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.0	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	7.9		µg/kg dry	7.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.7	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	139	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	34.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2790	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	4-Bromofluorobenzene	99			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	97			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	135	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	109			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	752	5	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	752	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	752	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	752	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	752	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	752	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	752	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	752	5	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	752	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	752	5	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	752	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	752	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	752	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	752	5	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-216 (4-6)

SA85335-36

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 09:00

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
R05											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	752	5	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	752	5	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	752	5	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	752	5	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	84			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	79			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.9	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.9	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.9	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.9	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	68			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	72			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	150	5	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	150	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	150	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	150	5	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	150	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	150	5	"	"	"	"	
	Unidentified	6,910		mg/kg dry	150	5	"	"	"	"	
	Other Oil	BRL		mg/kg dry	150	5	"	"	"	"	
	Total Petroleum Hydrocarbons	6,910		mg/kg dry	150	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	6,910		mg/kg dry	150	5	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	102			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	02-Oct-08	04-Oct-08	8100083	X
7440-38-2	Arsenic	2.01		mg/kg dry	1.52	1	"	"	"	"	X
7440-39-3	Barium	131		mg/kg dry	1.01	1	"	"	"	"	X
7440-43-9	Cadmium	1.08		mg/kg dry	0.507	1	"	"	"	"	X
7440-47-3	Chromium	19.2		mg/kg dry	1.01	1	"	"	"	"	X
7439-97-6	Mercury	0.110		mg/kg dry	0.0303	1	SW846 7471A	"	03-Oct-08	8100084	X
7439-92-1	Lead	134		mg/kg dry	1.52	1	SW846 6010B	"	04-Oct-08	8100083	X
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-216 (4-6)
SA85335-36

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 09:00

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	88.2		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-217 (0.33-1.5)

SAS85335-37

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:35

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
Initial weight: 8.21 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	37.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	37.6	1	"	"	"	"	X
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	18.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
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	7.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.6	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	37.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	37.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-217 (0.33-1.5)

SA85335-37

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:35

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 8.21 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.8	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	37.6	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	37.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	75.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	18.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1500	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	101			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	132	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	101			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	143	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	143	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	143	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-217 (0.33-1.5)

SA85335-37

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:35

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	143	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	69		30-130 %			"	"	"	"	
1718-51-0	Terphenyl-d14	88		30-130 %			"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	143	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	143	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	143	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	143	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	143	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	143	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	70		30-130 %			"	"	"	"	
1718-51-0	Terphenyl-d14	78		30-130 %			"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.6	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.6	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	21.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	75		30-150 %			"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	71		30-150 %			"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.7	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.7	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-217 (0.33-1.5)

SA85335-37

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:35

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.7	1	+CT ETPH	03-Oct-08	03-Oct-08	8100202	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.7	1	"	"	"	"	
	Unidentified	37.7		mg/kg dry	28.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	37.7		mg/kg dry	28.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	37.7		mg/kg dry	28.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	125			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	14.6		mg/kg dry	1.53	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	91.8		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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Sample Identification

B-217 (4-6)

SA85335-38

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
			VC10				Initial weight: 9.77 g				
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
67-64-1	Acetone	BRL		µg/kg dry	32.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
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	16.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
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	6.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	32.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.2	1	"	"	"	"	

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* Reportable Detection Limit

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Sample Identification

B-217 (4-6)

SA85335-38

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
VC10 Initial weight: 9.77 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.2	1	SW 846 8260B	02-Oct-08	03-Oct-08	8100131	
100-42-5	Styrene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	32.3	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	32.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	64.6	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1290	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	102			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	104			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	105			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
SPLP Extraction Completed N/A 1 SW846 1312 08-Oct-08 09-Oct-08 8100649											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	704	5	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	2,580		µg/kg dry	704	5	"	"	"	"	X
120-12-7	Anthracene	1,380		µg/kg dry	704	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	6,610		µg/kg dry	704	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	5,800		µg/kg dry	704	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	5,290		µg/kg dry	704	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	3,360		µg/kg dry	704	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	5,860		µg/kg dry	704	5	"	"	"	"	X
218-01-9	Chrysene	8,480		µg/kg dry	704	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	776		µg/kg dry	704	5	"	"	"	"	X
206-44-0	Fluoranthene	11,400		µg/kg dry	704	5	"	"	"	"	X
86-73-7	Fluorene	840		µg/kg dry	704	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	3,410		µg/kg dry	704	5	"	"	"	"	X

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-217 (4-6)

SA85335-38

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:40

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	704	5	SW846 8270C	02-Oct-08	06-Oct-08	8100113	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	704	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	704	5	"	"	"	"	X
85-01-8	Phenanthrene	8,840		µg/kg dry	704	5	"	"	"	"	X
129-00-0	Pyrene	14,800		µg/kg dry	704	5	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	82			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-dl4	87			30-130 %		"	"	"	"	
<u>SPLP PAHs by SW846 1312/8270C</u>											
Prepared by method SW846 3535											
83-32-9	Acenaphthene	BRL		µg/l	0.200	1	SW846 1312/8270C	09-Oct-08	10-Oct-08	8100719	
208-96-8	Acenaphthylene	BRL		µg/l	0.200	1	"	"	"	"	
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.200	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.200	1	"	"	"	"	
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.200	1	"	"	"	"	
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.200	1	"	"	"	"	
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.200	1	"	"	"	"	
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	
218-01-9	Chrysene	BRL		µg/l	0.200	1	"	"	"	"	
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.200	1	"	"	"	"	
206-44-0	Fluoranthene	BRL		µg/l	0.200	1	"	"	"	"	
86-73-7	Fluorene	BRL		µg/l	0.200	1	"	"	"	"	
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200	1	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.200	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.200	1	"	"	"	"	
85-01-8	Phenanthrene	2.12		µg/l	0.200	1	"	"	"	"	
129-00-0	Pyrene	BRL		µg/l	0.200	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	66			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-dl4	73			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.2	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
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	Calculated as		mg/kg dry	28.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.2	1	"	"	"	"	
	Unidentified	419		mg/kg dry	28.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	419		mg/kg dry	28.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	419		mg/kg dry	28.2	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	60			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	192		mg/kg dry	1.43	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-217 (4-6)
SA85335-38

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 12:40

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7439-92-1	Lead	0.0375		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	91.9		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-217 (8-9)

SA85335-39

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:45

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	285	2	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	903		µg/kg dry	285	2	"	"	"	"	X
120-12-7	Anthracene	931		µg/kg dry	285	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	2,250		µg/kg dry	285	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	2,030		µg/kg dry	285	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	2,110		µg/kg dry	285	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	860		µg/kg dry	285	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,990		µg/kg dry	285	2	"	"	"	"	X
218-01-9	Chrysene	3,330		µg/kg dry	285	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	285	2	"	"	"	"	X
206-44-0	Fluoranthene	4,290		µg/kg dry	285	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	285	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	874		µg/kg dry	285	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
85-01-8	Phenanthrene	2,540		µg/kg dry	285	2	"	"	"	"	X
129-00-0	Pyrene	6,380		µg/kg dry	285	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	64			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	81			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	285	2	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	866		µg/kg dry	285	2	"	"	"	"	X
120-12-7	Anthracene	754		µg/kg dry	285	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	2,340		µg/kg dry	285	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,990		µg/kg dry	285	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,960		µg/kg dry	285	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	997		µg/kg dry	285	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,670		µg/kg dry	285	2	"	"	"	"	X
218-01-9	Chrysene	3,240		µg/kg dry	285	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	285	2	"	"	"	"	X
206-44-0	Fluoranthene	4,050		µg/kg dry	285	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	285	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	1,030		µg/kg dry	285	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	285	2	"	"	"	"	X
85-01-8	Phenanthrene	2,710		µg/kg dry	285	2	"	"	"	"	X
129-00-0	Pyrene	5,530		µg/kg dry	285	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	64			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	72			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.5	1	+CT ETPH	08-Oct-08	09-Oct-08	8100578	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-217 (8-9)

SA85335-39

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 12:45

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.5	1	+CT ETPH	08-Oct-08	09-Oct-08	8100578	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	28.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.5	1	"	"	"	"	
	Unidentified	114		mg/kg dry	28.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	114		mg/kg dry	28.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	114		mg/kg dry	28.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	51			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	99.6		mg/kg dry	1.62	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	14-Oct-08	14-Oct-08	8101028	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	15-Oct-08	15-Oct-08	8101060	
General Chemistry Parameters											
	% Solids	92.4		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-218 (0.33-2)

SA85335-40

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:30

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 10.18 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	3.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	32.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
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	16.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
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	6.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	32.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	32.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-218 (0.33-2)

SA85335-40

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:30

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic CompoundsVolatile Organic Compounds

Prepared by method SW846 5035A Soil (low level)

Initial weight: 10.18 g

103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	32.3	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	32.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	64.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1290	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	107		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	102		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	100		70-130 %			"	"	"	"	

Extractable Petroleum HydrocarbonsExtractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	28.8	1	+CT ETPH	03-Oct-08	06-Oct-08	8100205	
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	Calculated as		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	959		mg/kg dry	28.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	959		mg/kg dry	28.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	959		mg/kg dry	28.8	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	83		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-218 (0.33-2)

SA85335-40

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:30

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	45.1		mg/kg dry	1.59	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	90.6		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-218 (8-9.5)

SA85335-42

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:15

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.68 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	61.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	12.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	61.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-218 (8-9.5)
SA85335-42

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 13:15

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

Prepared by method SW846 5035A Soil (low level)

Initial weight: 5.68 g

103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-34-5	1,1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.8	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2470	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	105		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	103		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	122		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	98		70-130 %			"	"	"	"	

Semivolatile Organic Compounds by GCMS

PAHs by SW846 8270C

Prepared by method SW846 3550B

83-32-9	Acenaphthene	BRL		µg/kg dry	153	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	153	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	153	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	153	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	153	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	153	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification**B-218 (8-9.5)**

SA85335-42

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:15

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	153	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	153	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	153	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	69			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	78			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.6	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	101			50-150 %		"	"	"	"	
General Chemistry Parameters											
	% Solids	84.1		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 122 of 217

Sample Identification**B-219 (0-1)**

SA85335-44

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 14:15

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	394		mg/kg dry	1.66	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7439-92-1	Lead	0.0236		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	84.7		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 123 of 217

Sample Identification

B-219 (4-4.5)

SA85335-45

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 14:20

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.62 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.3	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	72.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	72.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.3	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	14.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.3	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	72.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	72.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	72.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.3	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-219 (4-4.5)

SA85335-45

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 14:20

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.62 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.3	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	72.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	72.8	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	146	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	36.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2910	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	107		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	104		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	102		70-130 %			"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.0	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	34.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	34.0	1	"	"	"	"	
	Unidentified	52.4		mg/kg dry	34.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	34.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	52.4		mg/kg dry	34.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	52.4		mg/kg dry	34.0	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	96		50-150 %			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-219 (4-4.5)

SA85335-45

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 14:20

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	401		mg/kg dry	1.87	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7439-92-1	Lead	0.0263		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	76.9		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-220 (0.5-2)

SA85335-46

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
				VC10							Initial weight: 7.56 g
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	47.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-220 (0.5-2)

SA85335-46

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 7.56 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.7	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.7	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	95.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1910	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	111		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	102		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	124		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	99		70-130 %			"	"	"	"	

Semivolatile Organic Compounds by GC

Polychlorinated Biphenyls by SW846 8082

Prepared by method SW846 3545A

12674-11-2	PCB 1016	BRL		µg/kg dry	23.2	1	SW846 8082	02-Oct-08	02-Oct-08	8100111	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.2	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.2	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.2	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.2	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.2	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	23.2	1	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	79		30-150 %			"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	81		30-150 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification**B-220 (0.5-2)**

SA85335-46

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:45

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.2	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.2	1	"	"	"	"	
	Unidentified	44.6		mg/kg dry	31.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	31.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	44.6		mg/kg dry	31.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	44.6		mg/kg dry	31.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	81			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.54	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
7440-38-2	Arsenic	2.31		mg/kg dry	1.54	1	"	"	"	"	X
7440-39-3	Barium	55.6		mg/kg dry	1.03	1	"	"	"	"	X
7440-43-9	Cadmium	1.06		mg/kg dry	0.514	1	"	"	"	"	X
7440-47-3	Chromium	12.4		mg/kg dry	1.03	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	0.0847		mg/kg dry	0.0337	1	SW846 7471A	"	03-Oct-08	8100088	X
7439-92-1	Lead	71.9		mg/kg dry	1.54	1	SW846 6010B	"	03-Oct-08	8100086	X
7782-49-2	Selenium	BRL		mg/kg dry	1.54	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.0		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 129 of 217

Sample Identification

B-220 (4-6.25)

SA85335-47

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:50

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) VC10 Initial weight: 7.58 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	4.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	46.7	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	46.7	1	"	"	"	"	X
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	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	X
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	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.3	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.7	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	46.7	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	46.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	46.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.7	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-220 (4-6.25)

SA85335-47

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:50

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
VC10 Initial weight: 7.58 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-34-5	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.7	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.7	1	"	"	"	"	X
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	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1870	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	109		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	104		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	123		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	104		70-130 %			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	153	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	153	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	153	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	153	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	153	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	153	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	153	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	153	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 131 of 217

Sample Identification

B-220 (4-6.25)

SA85335-47

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 13:50

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	153	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	153	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	153	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	153	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	76			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	82			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.5	1	SW846 8082	03-Oct-08	03-Oct-08	8100207	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.5	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	79			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	79			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.5	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	105			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
7440-38-2	Arsenic	3.19		mg/kg dry	1.56	1	"	"	"	"	X
7440-39-3	Barium	89.5		mg/kg dry	1.04	1	"	"	"	"	X
7440-43-9	Cadmium	0.674		mg/kg dry	0.518	1	"	"	"	"	X
7440-47-3	Chromium	19.2		mg/kg dry	1.04	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	0.414		mg/kg dry	0.0312	1	SW846 7471A	"	03-Oct-08	8100088	X
7439-92-1	Lead	94.5		mg/kg dry	1.56	1	SW846 6010B	"	03-Oct-08	8100086	X
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	85.8		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

B-221 (0.5-2)
SA85335-49

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 08:30

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 9.21 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	3.3	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	33.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
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	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
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	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.3	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	33.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	33.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.3	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 B-221 (0.5-2)
 SA85335-49

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 30-Sep-08 08:30

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 9.21 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.3	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.3	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	33.5	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	33.5	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	67.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1340	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	102		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	101		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	125		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	100		70-130 %			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	286	2	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	286	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	286	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	286	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	286	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

B-221 (0.5-2)

SA85335-49

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 08:30

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	286	2	SW846 8270C	08-Oct-08	10-Oct-08	8100581	X
91-20-3	Naphthalene	BRL		µg/kg dry	286	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	286	2	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	71			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	93			30-130 %		"	"	"	"	
<u>Re-analysis of PAHs by SW846 8270C</u>											
83-32-9	Acenaphthene	BRL		µg/kg dry	286	2	SW846 8270C	08-Oct-08	12-Oct-08	8100581	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	286	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	286	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	286	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	286	2	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	286	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	286	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	286	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	286	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	286	2	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	286	2	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	69			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	84			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.3	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.3	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	28.3	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	28.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.3	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	95			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	4.91		mg/kg dry	1.49	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	92.4		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 135 of 217

Sample Identification
 MW-101 (0.25-2.25)
 SA85335-50

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 30-Sep-08 10:30

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) VC10 Initial weight: 11.16 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.2	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
67-64-1	Acetone	BRL		µg/kg dry	32.4	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	32.4	1	"	"	"	"	X
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	16.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
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	6.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	32.4	1	"	"	"	"	X
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	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	32.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	32.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 MW-101 (0.25-2.25)
 SA85335-50

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 30-Sep-08 10:30

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 11.16 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.2	1	SW 846 8260B	03-Oct-08	03-Oct-08	8100217	
100-42-5	Styrene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.2	1	"	"	"	"	X
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	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	32.4	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	32.4	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	64.8	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	16.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1300	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	124			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.9	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.9	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.9	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.9	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	78			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
MW-101 (0.25-2.25)
SA85335-50

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 10:30

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	8.38		mg/kg dry	1.68	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	87.9		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100179	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 138 of 217

Sample Identification
MW-101 (4-5)
 SA85335-51

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 30-Sep-08 10:25

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	42.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	42.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	21.2	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.2	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	8.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.2	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	42.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	42.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	42.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.2	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-101 (4-5)

SA85335-51

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 10:25

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 7.15 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.2	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-34-5	1,1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	42.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	42.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	84.7	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	21.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1690	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	105		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	106		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	120		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	104		70-130 %			"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.4	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.4	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	28.4	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	28.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.4	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	92		50-150 %			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-101 (4-5)
SA85335-51

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 10:25

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	30.8		mg/kg dry	1.49	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	92.0		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
MW-102 (0.25-2.5)
 SA85335-52

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 15:15

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.14 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon BRL 113)	BRL		µg/kg dry	7.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	77.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-102 (0.25-2.5)

SA85335-52

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 15:15

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.14 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3090	1	"	"	"	"	
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	128			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	102			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	167	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	167	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	167	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	167	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	167	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	167	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	167	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	167	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	167	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	167	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	167	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
MW-102 (0.25-2.5)
 SA85335-52

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 15:15

Received
 01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	167	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	167	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	167	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	167	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	74			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	81			30-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.5	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	100			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	341		mg/kg dry	1.91	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Oct-08	08-Oct-08	8100650	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	09-Oct-08	10-Oct-08	8100698	
General Chemistry Parameters											
	% Solids	77.5		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

Sample Identification
 MW-102 (4-5)
 SA85335-53

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 15:20

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	54.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromofrom	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	11.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-102 (4-5)
SA85335-53

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 15:20

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 7.56 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.9	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	110	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2200	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	107		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	102		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	121		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	101		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	33.6	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	33.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	33.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.6	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	88		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-102 (4-5)
SA85335-53

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 15:20

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	24.7		mg/kg dry	1.68	1	SW846 6010B	08-Oct-08	10-Oct-08	8100617	X
General Chemistry Parameters											
	% Solids	79.2		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-103 (0.33-2)

SA85335-54

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:10

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) VC10 Initial weight: 2.68 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	10.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	107	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	10.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	10.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	21.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	107	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	53.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	10.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	21.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	10.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	21.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	10.7	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	10.7	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	21.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	10.7	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	21.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	10.7	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	10.7	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	107	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	10.7	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	10.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	107	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	107	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	10.7	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-103 (0.33-2)

SA85335-54

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:10

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 2.68 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	10.7	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	10.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	10.7	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	10.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	21.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	10.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	107	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	10.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	10.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	10.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	10.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	107	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	214	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	53.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	4270	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	104		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	101		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	129		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	103		70-130 %			"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.6	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.6	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	28.6	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	28.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.6	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	92		50-150 %			"	"	"	"	

Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-103 (0.33-2)
SA85335-54

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 13:10

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	29.7		mg/kg dry	1.48	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	91.4		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-103 (6-7.5)

SA85335-56

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 13:20

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
Initial weight: 6.26 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	48.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg dry	9.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	48.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	48.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 MW-103 (6-7.5)
 SA85335-56

Client Project #
 03-273-03E

Matrix
 Soil

Collection Date/Time
 29-Sep-08 13:20

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 6.26 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	48.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	96.1	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1920	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	103		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	101		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	120		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	105		70-130 %			"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.5	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	28.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	28.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	28.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.5	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	97		50-150 %			"	"	"	"	

Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-103 (6-7.5)
SA85335-56

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
29-Sep-08 13:20

Received
01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	3.83		mg/kg dry	1.56	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-104 (0.5-3)

SA85335-57

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatil Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatil Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	47.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	47.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	23.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.5	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.5	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	47.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	47.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	47.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-104 (0.5-3)

SA85335-57

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:45

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
			VC10	Initial weight: 6.85 g							
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	47.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	47.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	95.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	23.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1900	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	109			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	131	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	103			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	150	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	150	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	150	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	150	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	150	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	150	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	150	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	150	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	150	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	150	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	150	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	150	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	150	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	150	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationMW-104 (0.5-3)
SA85335-57Client Project #
03-273-03EMatrix
SoilCollection Date/Time
30-Sep-08 11:45Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GCMS											
<u>PAHs by SW846 8270C</u>											
Prepared by method SW846 3550B											
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	150	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
91-20-3	Naphthalene	BRL		µg/kg dry	150	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	150	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	150	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
321-60-8	2-Fluorobiphenyl	77			30-130 %		"	"	"	"	
1718-51-0	Terphenyl-d14	83			30-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	22.3	1	SW846 8082	03-Oct-08	03-Oct-08	8100207	X
11104-28-2	PCB 1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	22.3	1	"	"	"	"	
11100-14-4	PCB 1268	BRL		µg/kg dry	22.3	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	71			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	62			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.0	1	+CT ETPH	02-Oct-08	02-Oct-08	8100115	
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	Calculated as		mg/kg dry	30.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.0	1	"	"	"	"	
	Unidentified	995		mg/kg dry	30.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	995		mg/kg dry	30.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	995		mg/kg dry	30.0	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	90			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.68	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
7440-38-2	Arsenic	2.70		mg/kg dry	1.68	1	"	"	"	"	X
7440-39-3	Barium	96.4		mg/kg dry	1.12	1	"	"	"	"	X
7440-43-9	Cadmium	0.833		mg/kg dry	0.559	1	"	"	"	"	X
7440-47-3	Chromium	20.5		mg/kg dry	1.12	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	0.0687		mg/kg dry	0.0312	1	SW846 7471A	"	03-Oct-08	8100088	X
7439-92-1	Lead	73.4		mg/kg dry	1.68	1	SW846 6010B	"	03-Oct-08	8100086	X
7782-49-2	Selenium	BRL		mg/kg dry	1.68	1	"	"	"	"	X
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 156 of 217

Sample Identification

MW-104 (4-5)
SA85335-58

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 11:50

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
<u>Volatile Organic Compounds</u> VC10											
Prepared by method SW846 5035A Soil (low level) Initial weight: 6.78 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/kg dry	6.0	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg dry	59.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.8	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	59.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

MW-104 (4-5)
SA85335-58

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 11:50

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic Compounds

Volatile Organic Compounds

VC10

Initial weight: 6.78 g

Prepared by method SW846 5035A Soil (low level)

103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.6	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	119	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2380	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	105		70-130 %			"	"	"	"	
2037-26-5	Toluene-d8	102		70-130 %			"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	121		70-130 %			"	"	"	"	
1868-53-7	Dibromofluoromethane	100		70-130 %			"	"	"	"	

Extractable Petroleum Hydrocarbons

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3550B

8006-61-9	Gasoline	BRL		mg/kg dry	33.2	1	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	33.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	33.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.2	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	97		50-150 %			"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-104 (4-5)
SA85335-58

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 11:50

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	9.13		mg/kg dry	1.81	1	SW846 6010B	14-Oct-08	15-Oct-08	8100989	X
General Chemistry Parameters											
	% Solids	79.3		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

Duplicate-1

SA85335-59

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 00:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Semivolatile Organic Compounds by GCMS

PAHs by SW846 8270C

Prepared by method SW846 3550B

83-32-9	Acenaphthene	BRL		µg/kg dry	159	1	SW846 8270C	02-Oct-08	06-Oct-08	8100113	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	159	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	159	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	159	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	159	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	159	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	159	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	159	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	159	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	159	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	159	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	159	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	159	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	159	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	159	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	159	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	159	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	159	1	"	"	"	"	X

Surrogate recoveries:

321-60-8	2-Fluorobiphenyl	83		30-130 %			"	"	"	"	
1718-51-0	Terphenyl-dl4	90		30-130 %			"	"	"	"	

Semivolatile Organic Compounds by GC

Polychlorinated Biphenyls by SW846 8082

Prepared by method SW846 3545A

12674-11-2	PCB 1016	BRL		µg/kg dry	23.6	1	SW846 8082	03-Oct-08	04-Oct-08	8100207	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.6	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.6	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.6	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.6	1	"	"	"	"	X

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	73		30-150 %			"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	57		30-150 %			"	"	"	"	

Total Metals by EPA 6000/7000 Series Methods

7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	02-Oct-08	03-Oct-08	8100086	X
7440-38-2	Arsenic	2.82		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	101		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	0.829		mg/kg dry	0.564	1	"	"	"	"	X
7440-47-3	Chromium	18.3		mg/kg dry	1.13	1	"	"	06-Oct-08	"	X
7439-97-6	Mercury	0.0380		mg/kg dry	0.0336	1	SW846 7471A	"	03-Oct-08	8100088	X
7439-92-1	Lead	70.2		mg/kg dry	1.69	1	SW846 6010B	"	03-Oct-08	8100086	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X

General Chemistry Parameters

% Solids	83.5		%			1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	
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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Duplicate-2

SA85335-60

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 00:00

Received

01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC Soil Extraction	01-Oct-08	01-Oct-08	8100098	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.44 g											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon BRL 113)			µg/kg dry	5.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	93.9	VOC6	µg/kg dry	58.3	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	58.3	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.7	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	58.3	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	58.3	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	58.3	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

Duplicate-2
SA85335-60

Client Project #
03-273-03E

Matrix
Soil

Collection Date/Time
30-Sep-08 00:00

Received
01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level) Initial weight: 5.44 g											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	5.8		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	58.3	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	58.3	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	29.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2330	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	95			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	96			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	135	SGC		70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	106			70-130 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	146	5	+CT ETPH	03-Oct-08	06-Oct-08	8100204	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	146	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	146	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	146	5	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	146	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	146	5	"	"	"	"	
	Unidentified	4,510		mg/kg dry	146	5	"	"	"	"	
	Other Oil	BRL		mg/kg dry	146	5	"	"	"	"	
	Total Petroleum Hydrocarbons	4,510		mg/kg dry	146	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	4,510		mg/kg dry	146	5	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	56			50-150 %		"	"	"	"	

Total Metals by EPA 6000/7000 Series Methods

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

Duplicate-2

SA85335-60

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

30-Sep-08 00:00

Received

01-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	145		mg/kg dry	1.64	1	SW846 6010B	14-Oct-08	15-Oct-08	8100989	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	14-Oct-08	14-Oct-08	8101028	
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	15-Oct-08	15-Oct-08	8101060	
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	02-Oct-08	02-Oct-08	8100174	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

Trip Blank

SA85335-61

Client Project #

03-273-03E

Matrix

Methanol/Deionized Water

Collection Date/Time

30-Sep-08 00:00

Received

01-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	
67-64-1	Acetone	BRL		µg/kg wet	50.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg wet	5.0	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/kg wet	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg wet	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0	1	"	"	"	"	
74-95-3	Dibromomethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/kg wet	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg wet	5.0	1	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/kg wet	5.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg wet	50.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg wet	5.0	1	"	"	"	"	
103-65-1	n-Propylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 Trip Blank
 SA85335-61

Client Project #
 03-273-03E

Matrix
 Methanol/Deionized Water

Collection Date/Time
 30-Sep-08 00:00

Received
 01-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg wet	5.0	1	SW 846 8260B	02-Oct-08	02-Oct-08	8100130	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg wet	5.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/kg wet	5.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg wet	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg wet	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg wet	50.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg wet	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/kg wet	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg wet	2000	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	107			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	102			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	116			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	100			70-130 %		"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100130 - SW846 5035A Soil (low level)										
Blank (8100130-BLK1)										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

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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 8100130 - SW846 5035A Soil (low level)										
Blank (8100130-BLK1)										
Prepared & Analyzed: 02-Oct-08										
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
<i>Surrogate: 4-Bromofluorobenzene</i>	49.5		µg/kg wet		50.0		99	70-130		
<i>Surrogate: Toluene-d8</i>	51.1		µg/kg wet		50.0		102	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	54.8		µg/kg wet		50.0		110	70-130		
<i>Surrogate: Dibromofluoromethane</i>	51.0		µg/kg wet		50.0		102	70-130		
LCS (8100130-BS1)										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.7		µg/kg wet		20.0		93	70-130		
Acetone	7.6		µg/kg wet		20.0		38	15.9-162		
Acrylonitrile	18.6		µg/kg wet		20.0		93	70-130		
Benzene	17.8		µg/kg wet		20.0		89	70-130		
Bromobenzene	19.7		µg/kg wet		20.0		99	70-130		
Bromochloromethane	19.7		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	18.0		µg/kg wet		20.0		90	70-130		
Bromoform	20.6		µg/kg wet		20.0		103	70-130		
Bromomethane	17.1		µg/kg wet		20.0		86	40.8-154		
2-Butanone (MEK)	124	QC1	µg/kg wet		20.0		618	27.2-154		
n-Butylbenzene	18.3		µg/kg wet		20.0		91	70-130		
sec-Butylbenzene	19.9		µg/kg wet		20.0		99	70-130		
tert-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130		
Carbon tetrachloride	16.4		µg/kg wet		20.0		82	70-130		
Chlorobenzene	18.8		µg/kg wet		20.0		94	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 8100130 - SW846 5035A Soil (low level)										
<u>LCS (8100130-BS1)</u>										
Prepared & Analyzed: 02-Oct-08										
Chloroethane	17.1		µg/kg wet		20.0		85	59.1-130		
Chloroform	17.6		µg/kg wet		20.0		88	70-130		
Chloromethane	16.8		µg/kg wet		20.0		84	70-130		
2-Chlorotoluene	19.8		µg/kg wet		20.0		99	70-130		
4-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	18.0		µg/kg wet		20.0		90	67-133		
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		100	70-130		
Dibromomethane	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	20.9		µg/kg wet		20.0		105	70-130		
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	17.2		µg/kg wet		20.0		86	33.9-180		
1,1-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	17.5		µg/kg wet		20.0		87	70-130		
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130		
1,2-Dichloropropane	18.7		µg/kg wet		20.0		94	70-130		
1,3-Dichloropropane	18.3		µg/kg wet		20.0		92	70-130		
2,2-Dichloropropane	15.9		µg/kg wet		20.0		79	70-130		
1,1-Dichloropropene	17.3		µg/kg wet		20.0		86	70-130		
cis-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130		
Ethylbenzene	18.4		µg/kg wet		20.0		92	70-130		
Hexachlorobutadiene	16.7		µg/kg wet		20.0		83	57-138		
2-Hexanone (MBK)	14.0		µg/kg wet		20.0		70	70-130		
Isopropylbenzene	17.8		µg/kg wet		20.0		89	70-130		
4-Isopropyltoluene	18.5		µg/kg wet		20.0		93	70-130		
Methyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130		
4-Methyl-2-pentanone (MIBK)	14.6		µg/kg wet		20.0		73	55.4-131		
Methylene chloride	18.1		µg/kg wet		20.0		90	70-130		
Naphthalene	17.5		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	18.7		µg/kg wet		20.0		94	70-130		
Styrene	19.1		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93	70-130		
1,1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130		
Toluene	17.6		µg/kg wet		20.0		88	70-130		
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130		
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88	70-130		
1,3,5-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,1,1-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,1,2-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
Trichloroethene	18.6		µg/kg wet		20.0		93	70-130		
Trichlorofluoromethane (Freon 11)	16.7		µg/kg wet		20.0		84	52-154		
1,2,3-Trichloropropane	23.9		µg/kg wet		20.0		120	70-130		
1,2,4-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg wet		20.0		99	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 8100130 - SW846 5035A Soil (low level)										
<u>LCS (8100130-BS1)</u>										
Prepared & Analyzed: 02-Oct-08										
Vinyl chloride	18.8		µg/kg wet		20.0		94	70-130		
m,p-Xylene	38.4		µg/kg wet		40.0		96	70-130		
o-Xylene	19.8		µg/kg wet		20.0		99	70-130		
Tetrahydrofuran	17.1		µg/kg wet		20.0		86	70-130		
Ethyl ether	19.4		µg/kg wet		20.0		97	65.7-131		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		101	70-130		
Ethyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130		
Di-isopropyl ether	15.6		µg/kg wet		20.0		78	70-130		
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130		
1,4-Dioxane	138		µg/kg wet		200		69	50.9-140		
trans-1,4-Dichloro-2-butene	19.2		µg/kg wet		20.0		96	70-130		
Ethanol	381		µg/kg wet		400		95	70-130		
Surrogate: 4-Bromofluorobenzene	51.7		µg/kg wet		50.0		103	70-130		
Surrogate: Toluene-d8	49.3		µg/kg wet		50.0		99	70-130		
Surrogate: 1,2-Dichloroethane-d4	51.8		µg/kg wet		50.0		104	70-130		
Surrogate: Dibromofluoromethane	48.0		µg/kg wet		50.0		96	70-130		
<u>LCS Dup (8100130-BSD1)</u>										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/kg wet		20.0		96	70-130	3	25
Acetone	5.9		µg/kg wet		20.0		29	15.9-162	25	50
Acrylonitrile	15.5		µg/kg wet		20.0		78	70-130	18	25
Benzene	17.9		µg/kg wet		20.0		89	70-130	0.3	25
Bromobenzene	18.1		µg/kg wet		20.0		90	70-130	9	25
Bromochloromethane	18.2		µg/kg wet		20.0		91	70-130	8	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92	70-130	2	25
Bromoform	19.2		µg/kg wet		20.0		96	70-130	7	25
Bromomethane	14.1		µg/kg wet		20.0		70	40.8-154	19	50
2-Butanone (MEK)	12.5	QR5	µg/kg wet		20.0		62	27.2-154	163	50
n-Butylbenzene	17.5		µg/kg wet		20.0		87	70-130	4	25
sec-Butylbenzene	16.9		µg/kg wet		20.0		85	70-130	16	25
tert-Butylbenzene	17.1		µg/kg wet		20.0		85	70-130	13	25
Carbon disulfide	14.2		µg/kg wet		20.0		71	70-130	13	25
Carbon tetrachloride	16.5		µg/kg wet		20.0		82	70-130	0.2	25
Chlorobenzene	19.0		µg/kg wet		20.0		95	70-130	1	25
Chloroethane	13.6		µg/kg wet		20.0		68	59.1-130	22	50
Chloroform	17.3		µg/kg wet		20.0		87	70-130	2	25
Chloromethane	12.7	QC1	µg/kg wet		20.0		64	70-130	28	25
2-Chlorotoluene	17.8		µg/kg wet		20.0		89	70-130	11	25
4-Chlorotoluene	17.6		µg/kg wet		20.0		88	70-130	11	25
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		87	70-130	1	25
Dibromochloromethane	16.4		µg/kg wet		20.0		82	67-133	9	50
1,2-Dibromoethane (EDB)	17.8		µg/kg wet		20.0		89	70-130	11	25
Dibromomethane	18.4		µg/kg wet		20.0		92	70-130	3	25
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	14	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	2	25
Dichlorodifluoromethane (Freon12)	13.8		µg/kg wet		20.0		69	33.9-180	22	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130	1	25
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130	0.6	25
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130	3	25

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100130 - SW846 5035A Soil (low level)										
LCS Dup (8100130-BSD1)										
Prepared & Analyzed: 02-Oct-08										
cis-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	0.4	25
trans-1,2-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130	0.7	25
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	2	25
1,3-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	6	25
2,2-Dichloropropane	15.9		µg/kg wet		20.0		80	70-130	0.3	25
1,1-Dichloropropene	17.3		µg/kg wet		20.0		86	70-130	0.2	25
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	6	25
trans-1,3-Dichloropropene	16.3		µg/kg wet		20.0		82	70-130	3	25
Ethylbenzene	18.0		µg/kg wet		20.0		90	70-130	2	25
Hexachlorobutadiene	16.7		µg/kg wet		20.0		83	57-138	0.06	50
2-Hexanone (MBK)	11.4	QC1	µg/kg wet		20.0		57	70-130	20	25
Isopropylbenzene	16.0		µg/kg wet		20.0		80	70-130	11	25
4-Isopropyltoluene	18.3		µg/kg wet		20.0		92	70-130	1	25
Methyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130	0.3	25
4-Methyl-2-pentanone (MIBK)	15.7		µg/kg wet		20.0		78	55.4-131	7	50
Methylene chloride	15.6		µg/kg wet		20.0		78	70-130	15	25
Naphthalene	16.5		µg/kg wet		20.0		82	70-130	6	25
n-Propylbenzene	16.8		µg/kg wet		20.0		84	70-130	11	25
Styrene	18.1		µg/kg wet		20.0		91	70-130	5	25
1,1,1,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97	70-130	4	25
1,1,1,2,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93	70-130	11	25
Tetrachloroethene	16.4		µg/kg wet		20.0		82	70-130	7	25
Toluene	16.1		µg/kg wet		20.0		81	70-130	8	25
1,2,3-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	4	25
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130	6	25
1,3,5-Trichlorobenzene	17.1		µg/kg wet		20.0		85	70-130	4	25
1,1,1-Trichloroethane	17.4		µg/kg wet		20.0		87	70-130	1	25
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130	10	25
Trichloroethene	18.3		µg/kg wet		20.0		91	70-130	2	25
Trichlorofluoromethane (Freon 11)	14.6		µg/kg wet		20.0		73	52-154	13	50
1,2,3-Trichloropropane	20.7		µg/kg wet		20.0		104	70-130	14	25
1,2,4-Trimethylbenzene	17.4		µg/kg wet		20.0		87	70-130	11	25
1,3,5-Trimethylbenzene	17.6		µg/kg wet		20.0		88	70-130	12	25
Vinyl chloride	14.9		µg/kg wet		20.0		74	70-130	23	25
m,p-Xylene	36.1		µg/kg wet		40.0		90	70-130	6	25
o-Xylene	18.3		µg/kg wet		20.0		92	70-130	8	25
Tetrahydrofuran	15.9		µg/kg wet		20.0		79	70-130	8	25
Ethyl ether	19.6		µg/kg wet		20.0		98	65.7-131	1	50
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130	11	25
Ethyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130	0.2	25
Di-isopropyl ether	15.8		µg/kg wet		20.0		79	70-130	2	25
Tert-Butanol / butyl alcohol	148		µg/kg wet		200		74	70-130	9	25
1,4-Dioxane	156		µg/kg wet		200		78	50.9-140	12	25
trans-1,4-Dichloro-2-butene	16.8		µg/kg wet		20.0		84	70-130	14	25
Ethanol	278	QC1	µg/kg wet		400		70	70-130	31	30
Surrogate: 4-Bromofluorobenzene	48.1		µg/kg wet		50.0		96	70-130		
Surrogate: Toluene-d8	46.3		µg/kg wet		50.0		93	70-130		
Surrogate: 1,2-Dichloroethane-d4	49.5		µg/kg wet		50.0		99	70-130		
Surrogate: Dibromofluoromethane	48.2		µg/kg wet		50.0		96	70-130		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limit	RPD	Limit
Batch 8100131 - SW846 5035A Soil (low level)										
Blank (8100131-BLK1)										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						

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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 8100131 - SW846 5035A Soil (low level)										
Blank (8100131-BLK1)										
Prepared & Analyzed: 02-Oct-08										
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	52.1		µg/kg wet		50.0		104	70-130		
Surrogate: Toluene-d8	51.0		µg/kg wet		50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	51.8		µg/kg wet		50.0		104	70-130		
Surrogate: Dibromofluoromethane	47.6		µg/kg wet		50.0		95	70-130		
LCS (8100131-BS1)										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/kg wet		20.0		98	70-130		
Acetone	9.0		µg/kg wet		20.0		45	0-168		
Acrylonitrile	17.9		µg/kg wet		20.0		89	70-130		
Benzene	19.8		µg/kg wet		20.0		99	70-130		
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130		
Bromochloromethane	22.7		µg/kg wet		20.0		114	70-130		
Bromodichloromethane	19.1		µg/kg wet		20.0		96	70-130		
Bromoform	21.0		µg/kg wet		20.0		105	70-130		
Bromomethane	19.5		µg/kg wet		20.0		98	40.9-138		
2-Butanone (MEK)	11.5		µg/kg wet		20.0		58	29.8-145		
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
sec-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Carbon disulfide	18.1		µg/kg wet		20.0		91	70-130		
Carbon tetrachloride	18.0		µg/kg wet		20.0		90	70-130		
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Chloroethane	18.8		µg/kg wet		20.0		94	47.5-130		

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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 8100131 - SW846 5035A Soil (low level)										
<u>LCS (8100131-BS1)</u>										
Prepared & Analyzed: 02-Oct-08										
Chloroform	19.0		µg/kg wet		20.0		95	70-130		
Chloromethane	17.5		µg/kg wet		20.0		88	70-130		
2-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	22.1		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92	70-130		
Dibromochloromethane	18.6		µg/kg wet		20.0		93	66.2-130		
1,2-Dibromoethane (EDB)	19.7		µg/kg wet		20.0		99	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	22.3		µg/kg wet		20.0		112	70-130		
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	18.5		µg/kg wet		20.0		93	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	19.3		µg/kg wet		20.0		97	70-130		
cis-1,2-Dichloroethene	21.6		µg/kg wet		20.0		108	70-130		
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	19.1		µg/kg wet		20.0		96	70-130		
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	53.6-138		
2-Hexanone (MBK)	14.9		µg/kg wet		20.0		75	70-130		
Isopropylbenzene	19.5		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		96	70-130		
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96	53.5-137		
Methylene chloride	20.2		µg/kg wet		20.0		101	70-130		
Naphthalene	18.7		µg/kg wet		20.0		94	70-130		
n-Propylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Styrene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	19.7		µg/kg wet		20.0		99	70-130		
Toluene	19.7		µg/kg wet		20.0		98	70-130		
1,2,3-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,2,4-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3,5-Trichlorobenzene	18.5		µg/kg wet		20.0		93	70-130		
1,1,1-Trichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,1,2-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	18.8		µg/kg wet		20.0		94	50.9-138		
1,2,3-Trichloropropane	24.9		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	21.7		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Vinyl chloride	19.9		µg/kg wet		20.0		100	70-130		

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100131 - SW846 5035A Soil (low level)										
<u>LCS (8100131-BS1)</u>										
Prepared & Analyzed: 02-Oct-08										
m,p-Xylene	42.3		µg/kg wet		40.0		106	70-130		
o-Xylene	21.7		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	18.1		µg/kg wet		20.0		90	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130		
Tert-amyl methyl ether	17.5		µg/kg wet		20.0		88	70-130		
Ethyl tert-butyl ether	18.7		µg/kg wet		20.0		94	70-130		
Di-isopropyl ether	16.5		µg/kg wet		20.0		82	70-130		
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130		
1,4-Dioxane	196		µg/kg wet		200		98	48.3-142		
trans-1,4-Dichloro-2-butene	18.5		µg/kg wet		20.0		92	70-130		
Ethanol	381		µg/kg wet		400		95	70-130		
Surrogate: 4-Bromofluorobenzene	53.2		µg/kg wet		50.0		106	70-130		
Surrogate: Toluene-d8	49.8		µg/kg wet		50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4	50.7		µg/kg wet		50.0		101	70-130		
Surrogate: Dibromofluoromethane	47.3		µg/kg wet		50.0		95	70-130		
<u>LCS Dup (8100131-BSD1)</u>										
Prepared & Analyzed: 02-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.7		µg/kg wet		20.0		99	70-130	1	25
Acetone	7.2		µg/kg wet		20.0		36	0-168	23	50
Acrylonitrile	19.0		µg/kg wet		20.0		95	70-130	6	25
Benzene	19.3		µg/kg wet		20.0		97	70-130	3	25
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130	0.2	25
Bromochloromethane	22.7		µg/kg wet		20.0		113	70-130	0.2	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	1	25
Bromoform	20.2		µg/kg wet		20.0		101	70-130	4	25
Bromomethane	20.4		µg/kg wet		20.0		102	40.9-138	4	50
2-Butanone (MEK)	121	QC1	µg/kg wet		20.0		603	29.8-145	165	50
n-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130	0.4	25
sec-Butylbenzene	22.3		µg/kg wet		20.0		111	70-130	1	25
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130	2	25
Carbon disulfide	21.0		µg/kg wet		20.0		105	70-130	15	25
Carbon tetrachloride	17.2		µg/kg wet		20.0		86	70-130	5	25
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130	0	25
Chloroethane	19.7		µg/kg wet		20.0		99	47.5-130	5	50
Chloroform	18.9		µg/kg wet		20.0		94	70-130	0.7	25
Chloromethane	18.9		µg/kg wet		20.0		94	70-130	7	25
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	0.4	25
4-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130	2	25
1,2-Dibromo-3-chloropropane	20.5		µg/kg wet		20.0		102	70-130	11	25
Dibromochloromethane	18.1		µg/kg wet		20.0		90	66.2-130	3	50
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130	3	25
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130	6	25
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	0.8	25
1,3-Dichlorobenzene	22.8		µg/kg wet		20.0		114	70-130	2	25
1,4-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130	0.2	25
Dichlorodifluoromethane (Freon12)	19.6		µg/kg wet		20.0		98	32-158	6	50
1,1-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130	4	25
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	0.3	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	0.9	25
cis-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	6	25

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100131 - SW846 5035A Soil (low level)										
<u>LCS Dup (8100131-BSD1)</u>										
Prepared & Analyzed: 02-Oct-08										
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130	2	25
1,2-Dichloropropane	19.7		µg/kg wet		20.0		99	70-130	0.2	25
1,3-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130	4	25
2,2-Dichloropropane	16.7		µg/kg wet		20.0		83	70-130	3	25
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	3	25
cis-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130	3	25
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	3	25
Ethylbenzene	20.5		µg/kg wet		20.0		102	70-130	0.05	25
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	53.6-138	1	50
2-Hexanone (MBK)	15.1		µg/kg wet		20.0		75	70-130	1	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130	0.3	25
4-Isopropyltoluene	20.1		µg/kg wet		20.0		100	70-130	0.6	25
Methyl tert-butyl ether	18.3		µg/kg wet		20.0		91	70-130	4	25
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88	53.5-137	9	50
Methylene chloride	20.6		µg/kg wet		20.0		103	70-130	2	25
Naphthalene	18.3		µg/kg wet		20.0		92	70-130	2	25
n-Propylbenzene	21.1		µg/kg wet		20.0		106	70-130	2	25
Styrene	21.3		µg/kg wet		20.0		106	70-130	1	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	5	25
1,1,2,2-Tetrachloroethane	22.5		µg/kg wet		20.0		112	70-130	3	25
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130	0.9	25
Toluene	19.5		µg/kg wet		20.0		98	70-130	0.9	25
1,2,3-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	0.2	25
1,2,4-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	4	25
1,3,5-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	0.3	25
1,1,1-Trichloroethane	18.1		µg/kg wet		20.0		90	70-130	4	25
1,1,2-Trichloroethane	18.7		µg/kg wet		20.0		94	70-130	10	25
Trichloroethene	20.1		µg/kg wet		20.0		101	70-130	0.5	25
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	50.9-138	3	50
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		126	70-130	1	25
1,2,4-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130	0.9	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	2	25
Vinyl chloride	22.2		µg/kg wet		20.0		111	70-130	11	25
m,p-Xylene	41.9		µg/kg wet		40.0		105	70-130	0.9	25
o-Xylene	21.8		µg/kg wet		20.0		109	70-130	0.4	25
Tetrahydrofuran	16.4		µg/kg wet		20.0		82	70-130	9	25
Ethyl ether	19.2		µg/kg wet		20.0		96	61.4-130	8	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90	70-130	3	25
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90	70-130	4	25
Di-isopropyl ether	15.9		µg/kg wet		20.0		80	70-130	3	25
Tert-Butanol / butyl alcohol	185		µg/kg wet		200		93	70-130	4	25
1,4-Dioxane	198		µg/kg wet		200		99	48.3-142	1	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	11	25
Ethanol	379		µg/kg wet		400		95	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	54.4		µg/kg wet		50.0		109	70-130		
Surrogate: Toluene-d8	51.9		µg/kg wet		50.0		104	70-130		
Surrogate: 1,2-Dichloroethane-d4	51.5		µg/kg wet		50.0		103	70-130		
Surrogate: Dibromofluoromethane	46.6		µg/kg wet		50.0		93	70-130		

Batch 8100217 - SW846 5035A Soil (low level)

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100217 - SW846 5035A Soil (low level)										
Blank (8100217-BLK1)										
Prepared & Analyzed: 03-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100217 - SW846 5035A Soil (low level)										
Blank (8100217-BLK1)										
Prepared & Analyzed: 03-Oct-08										
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	51.2		µg/kg wet		50.0		102	70-130		
Surrogate: Toluene-d8	53.2		µg/kg wet		50.0		106	70-130		
Surrogate: 1,2-Dichloroethane-d4	51.9		µg/kg wet		50.0		104	70-130		
Surrogate: Dibromofluoromethane	51.0		µg/kg wet		50.0		102	70-130		
LCS (8100217-BS1)										
Prepared & Analyzed: 03-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.4		µg/kg wet		20.0		92	70-130		
Acetone	4.5		µg/kg wet		20.0		23	15.9-162		
Acrylonitrile	17.3		µg/kg wet		20.0		86	70-130		
Benzene	20.5		µg/kg wet		20.0		102	70-130		
Bromobenzene	20.8		µg/kg wet		20.0		104	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	20.0		µg/kg wet		20.0		100	70-130		
Bromoform	21.8		µg/kg wet		20.0		109	70-130		
Bromomethane	16.5		µg/kg wet		20.0		83	40.8-154		
2-Butanone (MEK)	14.4		µg/kg wet		20.0		72	27.2-154		
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Carbon disulfide	16.3		µg/kg wet		20.0		82	70-130		
Carbon tetrachloride	17.5		µg/kg wet		20.0		87	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	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 8100217 - SW846 5035A Soil (low level)										
<u>LCS (8100217-BS1)</u>										
Prepared & Analyzed: 03-Oct-08										
Chloroethane	16.7		µg/kg wet		20.0		84	59.1-130		
Chloroform	20.4		µg/kg wet		20.0		102	70-130		
Chloromethane	14.5		µg/kg wet		20.0		73	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	21.4		µg/kg wet		20.0		107	70-130		
Dibromochloromethane	19.7		µg/kg wet		20.0		98	67-133		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	13.8		µg/kg wet		20.0		69	33.9-180		
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130		
1,1-Dichloroethene	18.5		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		101	70-130		
1,2-Dichloropropane	21.7		µg/kg wet		20.0		108	70-130		
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130		
cis-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
trans-1,3-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130		
Ethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.3		µg/kg wet		20.0		91	57-138		
2-Hexanone (MBK)	12.3	QC1	µg/kg wet		20.0		61	70-130		
Isopropylbenzene	18.4		µg/kg wet		20.0		92	70-130		
4-Isopropyltoluene	20.9		µg/kg wet		20.0		104	70-130		
Methyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/kg wet		20.0		99	55.4-131		
Methylene chloride	19.2		µg/kg wet		20.0		96	70-130		
Naphthalene	19.2		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	19.3		µg/kg wet		20.0		97	70-130		
Styrene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130		
Toluene	19.3		µg/kg wet		20.0		97	70-130		
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
1,3,5-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
Trichloroethene	20.9		µg/kg wet		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	15.8		µg/kg wet		20.0		79	52-154		
1,2,3-Trichloropropane	24.4		µg/kg wet		20.0		122	70-130		
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100217 - SW846 5035A Soil (low level)										
<u>LCS (8100217-BS1)</u>										
Prepared & Analyzed: 03-Oct-08										
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		
m,p-Xylene	41.5		µg/kg wet		40.0		104	70-130		
o-Xylene	21.1		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	16.9		µg/kg wet		20.0		84	70-130		
Ethyl ether	22.4		µg/kg wet		20.0		112	65.7-131		
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130		
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	17.1		µg/kg wet		20.0		86	70-130		
Tert-Butanol / butyl alcohol	168		µg/kg wet		200		84	70-130		
1,4-Dioxane	200		µg/kg wet		200		100	50.9-140		
trans-1,4-Dichloro-2-butene	18.7		µg/kg wet		20.0		94	70-130		
Ethanol	359		µg/kg wet		400		90	70-130		
Surrogate: 4-Bromofluorobenzene	48.6		µg/kg wet		50.0		97	70-130		
Surrogate: Toluene-d8	47.4		µg/kg wet		50.0		95	70-130		
Surrogate: 1,2-Dichloroethane-d4	49.2		µg/kg wet		50.0		98	70-130		
Surrogate: Dibromofluoromethane	47.9		µg/kg wet		50.0		96	70-130		
<u>LCS Dup (8100217-BSD1)</u>										
Prepared & Analyzed: 03-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90	70-130	2	25
Acetone	9.8	QR2	µg/kg wet		20.0		49	15.9-162	74	50
Acrylonitrile	21.6		µg/kg wet		20.0		108	70-130	22	25
Benzene	20.8		µg/kg wet		20.0		104	70-130	1	25
Bromobenzene	23.3		µg/kg wet		20.0		116	70-130	11	25
Bromochloromethane	24.3		µg/kg wet		20.0		121	70-130	16	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	2	25
Bromoform	22.2		µg/kg wet		20.0		111	70-130	2	25
Bromomethane	22.2		µg/kg wet		20.0		111	40.8-154	29	50
2-Butanone (MEK)	129	QC1	µg/kg wet		20.0		644	27.2-154	160	50
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	0.1	25
sec-Butylbenzene	22.7		µg/kg wet		20.0		114	70-130	16	25
tert-Butylbenzene	22.9		µg/kg wet		20.0		115	70-130	15	25
Carbon disulfide	18.5		µg/kg wet		20.0		93	70-130	13	25
Carbon tetrachloride	17.0		µg/kg wet		20.0		85	70-130	3	25
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
Chloroethane	21.4		µg/kg wet		20.0		107	59.1-130	25	50
Chloroform	20.2		µg/kg wet		20.0		101	70-130	0.9	25
Chloromethane	19.4	QR2	µg/kg wet		20.0		97	70-130	28	25
2-Chlorotoluene	23.1		µg/kg wet		20.0		115	70-130	10	25
4-Chlorotoluene	23.0		µg/kg wet		20.0		115	70-130	12	25
1,2-Dibromo-3-chloropropane	19.6		µg/kg wet		20.0		98	70-130	9	25
Dibromochloromethane	21.6		µg/kg wet		20.0		108	67-133	9	50
1,2-Dibromoethane (EDB)	21.9		µg/kg wet		20.0		110	70-130	4	25
Dibromomethane	23.0		µg/kg wet		20.0		115	70-130	12	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		109	70-130	0.09	25
1,3-Dichlorobenzene	24.5		µg/kg wet		20.0		123	70-130	15	25
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.9		µg/kg wet		20.0		89	33.9-180	26	50
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	1	25
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130	3	25
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	3	25

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100217 - SW846 5035A Soil (low level)										
LCS Dup (8100217-BSD1)										
Prepared & Analyzed: 03-Oct-08										
cis-1,2-Dichloroethene	23.3		µg/kg wet		20.0		116	70-130	4	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130	4	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,3-Dichloropropane	22.6		µg/kg wet		20.0		113	70-130	8	25
2,2-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130	4	25
1,1-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	1	25
cis-1,3-Dichloropropene	20.7		µg/kg wet		20.0		103	70-130	2	25
trans-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130	0.1	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	4	25
Hexachlorobutadiene	18.7		µg/kg wet		20.0		94	57-138	2	50
2-Hexanone (MBK)	17.7	QR5	µg/kg wet		20.0		88	70-130	36	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	8	25
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130	2	25
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	2	25
4-Methyl-2-pentanone (MIBK)	23.2		µg/kg wet		20.0		116	55.4-131	16	50
Methylene chloride	22.4		µg/kg wet		20.0		112	70-130	15	25
Naphthalene	19.0		µg/kg wet		20.0		95	70-130	0.8	25
n-Propylbenzene	21.8		µg/kg wet		20.0		109	70-130	12	25
Styrene	22.3		µg/kg wet		20.0		112	70-130	6	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	7	25
1,1,2,2-Tetrachloroethane	25.0		µg/kg wet		20.0		125	70-130	15	25
Tetrachloroethene	20.0		µg/kg wet		20.0		100	70-130	3	25
Toluene	20.8		µg/kg wet		20.0		104	70-130	7	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	4	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	5	25
1,3,5-Trichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
1,1,1-Trichloroethane	18.5		µg/kg wet		20.0		93	70-130	3	25
1,1,2-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130	13	25
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130	0.4	25
Trichlorofluoromethane (Freon 11)	18.3		µg/kg wet		20.0		92	52-154	15	50
1,2,3-Trichloropropane	26.8	QC1	µg/kg wet		20.0		134	70-130	9	25
1,2,4-Trimethylbenzene	23.6		µg/kg wet		20.0		118	70-130	14	25
1,3,5-Trimethylbenzene	22.6		µg/kg wet		20.0		113	70-130	9	25
Vinyl chloride	21.8	QR2	µg/kg wet		20.0		109	70-130	27	25
m,p-Xylene	44.2		µg/kg wet		40.0		110	70-130	6	25
o-Xylene	23.1		µg/kg wet		20.0		115	70-130	9	25
Tetrahydrofuran	19.8		µg/kg wet		20.0		99	70-130	16	25
Ethyl ether	20.8		µg/kg wet		20.0		104	65.7-131	7	50
Tert-amyl methyl ether	23.0		µg/kg wet		20.0		115	70-130	18	25
Ethyl tert-butyl ether	19.3		µg/kg wet		20.0		96	70-130	1	25
Di-isopropyl ether	16.5		µg/kg wet		20.0		82	70-130	4	25
Tert-Butanol / butyl alcohol	207		µg/kg wet		200		104	70-130	21	25
1,4-Dioxane	216		µg/kg wet		200		108	50.9-140	8	25
trans-1,4-Dichloro-2-butene	19.7		µg/kg wet		20.0		99	70-130	5	25
Ethanol	446		µg/kg wet		400		112	70-130	22	30
Surrogate: 4-Bromofluorobenzene	53.6		µg/kg wet		50.0		107	70-130		
Surrogate: Toluene-d8	51.3		µg/kg wet		50.0		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	52.1		µg/kg wet		50.0		104	70-130		
Surrogate: Dibromofluoromethane	49.2		µg/kg wet		50.0		98	70-130		

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100386 - SW846 5035A Soil (low level)										
Blank (8100386-BLK1)										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						

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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 8100386 - SW846 5035A Soil (low level)										
Blank (8100386-BLK1)										
Prepared & Analyzed: 06-Oct-08										
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	52.5		µg/kg wet		50.0		105	70-130		
Surrogate: Toluene-d8	51.0		µg/kg wet		50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	57.8		µg/kg wet		50.0		116	70-130		
Surrogate: Dibromofluoromethane	52.0		µg/kg wet		50.0		104	70-130		
LCS (8100386-BS1)										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		95	70-130		
Acetone	5.9		µg/kg wet		20.0		29	0-168		
Acrylonitrile	15.0		µg/kg wet		20.0		75	70-130		
Benzene	18.3		µg/kg wet		20.0		91	70-130		
Bromobenzene	20.4		µg/kg wet		20.0		102	70-130		
Bromochloromethane	17.6		µg/kg wet		20.0		88	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.6		µg/kg wet		20.0		113	70-130		
Bromomethane	15.2		µg/kg wet		20.0		76	40.9-138		
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74	29.8-145		
n-Butylbenzene	18.7		µg/kg wet		20.0		93	70-130		
sec-Butylbenzene	19.5		µg/kg wet		20.0		97	70-130		
tert-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Carbon disulfide	15.7		µg/kg wet		20.0		78	70-130		
Carbon tetrachloride	17.2		µg/kg wet		20.0		86	70-130		
Chlorobenzene	20.5		µg/kg wet		20.0		103	70-130		
Chloroethane	15.1		µg/kg wet		20.0		75	47.5-130		

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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 8100386 - SW846 5035A Soil (low level)										
<u>LCS (8100386-BS1)</u>										
Prepared & Analyzed: 06-Oct-08										
Chloroform	18.5		µg/kg wet		20.0		92	70-130		
Chloromethane	13.0	QC1	µg/kg wet		20.0		65	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	19.5		µg/kg wet		20.0		97	70-130		
1,2-Dibromo-3-chloropropane	21.6		µg/kg wet		20.0		108	70-130		
Dibromochloromethane	16.0		µg/kg wet		20.0		80	66.2-130		
1,2-Dibromoethane (EDB)	16.1		µg/kg wet		20.0		81	70-130		
Dibromomethane	18.3		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	14.4		µg/kg wet		20.0		72	32-158		
1,1-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130		
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,3-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	17.4		µg/kg wet		20.0		87	70-130		
cis-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
trans-1,3-Dichloropropene	16.5		µg/kg wet		20.0		83	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	20.9		µg/kg wet		20.0		104	53.6-138		
2-Hexanone (MBK)	10.0	QC1	µg/kg wet		20.0		50	70-130		
Isopropylbenzene	17.4		µg/kg wet		20.0		87	70-130		
4-Isopropyltoluene	19.9		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130		
4-Methyl-2-pentanone (MIBK)	14.1		µg/kg wet		20.0		70	53.5-137		
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130		
Naphthalene	18.8		µg/kg wet		20.0		94	70-130		
n-Propylbenzene	18.2		µg/kg wet		20.0		91	70-130		
Styrene	19.9		µg/kg wet		20.0		99	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	15.8		µg/kg wet		20.0		79	70-130		
Toluene	17.3		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,2,4-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1,2-Trichloroethane	17.7		µg/kg wet		20.0		88	70-130		
Trichloroethene	18.7		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	15.8		µg/kg wet		20.0		79	50.9-138		
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130		
1,2,4-Trimethylbenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3,5-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Vinyl chloride	16.1		µg/kg wet		20.0		80	70-130		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100386 - SW846 5035A Soil (low level)										
<u>LCS (8100386-BS1)</u>										
Prepared & Analyzed: 06-Oct-08										
m,p-Xylene	39.7		µg/kg wet		40.0		99	70-130		
o-Xylene	20.3		µg/kg wet		20.0		101	70-130		
Tetrahydrofuran	15.0		µg/kg wet		20.0		75	70-130		
Ethyl ether	18.7		µg/kg wet		20.0		93	61.4-130		
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130		
Ethyl tert-butyl ether	16.7		µg/kg wet		20.0		83	70-130		
Di-isopropyl ether	14.3		µg/kg wet		20.0		71	70-130		
Tert-Butanol / butyl alcohol	151		µg/kg wet		200		76	70-130		
1,4-Dioxane	160		µg/kg wet		200		80	48.3-142		
trans-1,4-Dichloro-2-butene	19.0		µg/kg wet		20.0		95	70-130		
Ethanol	282		µg/kg wet		400		71	70-130		
Surrogate: 4-Bromofluorobenzene	50.1		µg/kg wet		50.0		100	70-130		
Surrogate: Toluene-d8	47.3		µg/kg wet		50.0		95	70-130		
Surrogate: 1,2-Dichloroethane-d4	48.2		µg/kg wet		50.0		96	70-130		
Surrogate: Dibromofluoromethane	48.6		µg/kg wet		50.0		97	70-130		
<u>LCS Dup (8100386-BSD1)</u>										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.0		µg/kg wet		20.0		85	70-130	11	25
Acetone	9.1		µg/kg wet		20.0		45	0-168	43	50
Acrylonitrile	16.6		µg/kg wet		20.0		83	70-130	11	25
Benzene	17.6		µg/kg wet		20.0		88	70-130	4	25
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130	8	25
Bromochloromethane	20.5		µg/kg wet		20.0		103	70-130	15	25
Bromodichloromethane	17.7		µg/kg wet		20.0		89	70-130	6	25
Bromoform	20.9		µg/kg wet		20.0		104	70-130	8	25
Bromomethane	19.9		µg/kg wet		20.0		100	40.9-138	27	50
2-Butanone (MEK)	100	QC1	µg/kg wet		20.0		501	29.8-145	149	50
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	2	25
sec-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130	11	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	14	25
Carbon disulfide	16.6		µg/kg wet		20.0		83	70-130	6	25
Carbon tetrachloride	16.6		µg/kg wet		20.0		83	70-130	4	25
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130	2	25
Chloroethane	18.7		µg/kg wet		20.0		94	47.5-130	22	50
Chloroform	16.6		µg/kg wet		20.0		83	70-130	11	25
Chloromethane	16.6		µg/kg wet		20.0		83	70-130	24	25
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	10	25
4-Chlorotoluene	21.7		µg/kg wet		20.0		108	70-130	11	25
1,2-Dibromo-3-chloropropane	17.9		µg/kg wet		20.0		89	70-130	19	25
Dibromochloromethane	17.5		µg/kg wet		20.0		87	66.2-130	9	50
1,2-Dibromoethane (EDB)	18.1		µg/kg wet		20.0		90	70-130	11	25
Dibromomethane	18.2		µg/kg wet		20.0		91	70-130	0.7	25
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		97	70-130	1	25
1,3-Dichlorobenzene	23.0		µg/kg wet		20.0		115	70-130	12	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
Dichlorodifluoromethane (Freon12)	18.1		µg/kg wet		20.0		90	32-158	22	50
1,1-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130	4	25
1,2-Dichloroethane	16.3		µg/kg wet		20.0		82	70-130	3	25
1,1-Dichloroethene	17.0		µg/kg wet		20.0		85	70-130	4	25
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	7	25

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100386 - SW846 5035A Soil (low level)										
LCS Dup (8100386-BSD1)										
Prepared & Analyzed: 06-Oct-08										
trans-1,2-Dichloroethene	17.9		µg/kg wet		20.0		89	70-130	3	25
1,2-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130	3	25
1,3-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	2	25
2,2-Dichloropropane	15.5		µg/kg wet		20.0		78	70-130	10	25
1,1-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	4	25
cis-1,3-Dichloropropene	17.2		µg/kg wet		20.0		86	70-130	4	25
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130	2	25
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130	1	25
Hexachlorobutadiene	18.3		µg/kg wet		20.0		91	53.6-138	13	50
2-Hexanone (MBK)	14.7	QR5	µg/kg wet		20.0		74	70-130	38	25
Isopropylbenzene	19.1		µg/kg wet		20.0		96	70-130	9	25
4-Isopropyltoluene	18.8		µg/kg wet		20.0		94	70-130	6	25
Methyl tert-butyl ether	17.0		µg/kg wet		20.0		85	70-130	5	25
4-Methyl-2-pentanone (MIBK)	15.0		µg/kg wet		20.0		75	53.5-137	6	50
Methylene chloride	19.1		µg/kg wet		20.0		95	70-130	13	25
Naphthalene	16.4		µg/kg wet		20.0		82	70-130	14	25
n-Propylbenzene	20.1		µg/kg wet		20.0		101	70-130	10	25
Styrene	20.8		µg/kg wet		20.0		104	70-130	5	25
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130	5	25
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	1	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92	70-130	16	25
Toluene	17.6		µg/kg wet		20.0		88	70-130	2	25
1,2,3-Trichlorobenzene	18.5		µg/kg wet		20.0		93	70-130	14	25
1,2,4-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	17	25
1,3,5-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130	5	25
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		86	70-130	10	25
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130	2	25
Trichloroethene	18.1		µg/kg wet		20.0		91	70-130	3	25
Trichlorofluoromethane (Freon 11)	17.3		µg/kg wet		20.0		86	50.9-138	9	50
1,2,3-Trichloropropane	24.2		µg/kg wet		20.0		121	70-130	0.9	25
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	11	25
1,3,5-Trimethylbenzene	21.1		µg/kg wet		20.0		106	70-130	11	25
Vinyl chloride	19.7		µg/kg wet		20.0		98	70-130	20	25
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130	4	25
o-Xylene	21.4		µg/kg wet		20.0		107	70-130	5	25
Tetrahydrofuran	13.2	QC1	µg/kg wet		20.0		66	70-130	13	25
Ethyl ether	19.2		µg/kg wet		20.0		96	61.4-130	3	50
Tert-amyl methyl ether	20.5		µg/kg wet		20.0		103	70-130	6	25
Ethyl tert-butyl ether	16.1		µg/kg wet		20.0		80	70-130	4	25
Di-isopropyl ether	13.4	QC1	µg/kg wet		20.0		67	70-130	6	25
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79	70-130	4	25
1,4-Dioxane	185		µg/kg wet		200		93	48.3-142	15	25
trans-1,4-Dichloro-2-butene	17.1		µg/kg wet		20.0		85	70-130	11	25
Ethanol	335		µg/kg wet		400		84	70-130	17	30
Surrogate: 4-Bromofluorobenzene	54.3		µg/kg wet		50.0		109	70-130		
Surrogate: Toluene-d8	49.2		µg/kg wet		50.0		98	70-130		
Surrogate: 1,2-Dichloroethane-d4	52.1		µg/kg wet		50.0		104	70-130		
Surrogate: Dibromofluoromethane	47.3		µg/kg wet		50.0		95	70-130		

Batch 8100395 - SW846 5030 Soil (high level)

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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 8100395 - SW846 5030 Soil (high level)										
Blank (8100395-BLK1)										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
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						

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100395 - SW846 5030 Soil (high level)										
Blank (8100395-BLK1)										
Prepared & Analyzed: 06-Oct-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	400						
Surrogate: 4-Bromofluorobenzene	31.1		µg/kg wet		30.0		104	70-130		
Surrogate: Toluene-d8	31.5		µg/kg wet		30.0		105	70-130		
Surrogate: 1,2-Dichloroethane-d4	31.3		µg/kg wet		30.0		104	70-130		
Surrogate: Dibromofluoromethane	29.4		µg/kg wet		30.0		98	70-130		
LCS (8100395-BS1)										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.4		µg/kg wet		20.0		92	70-130		
Acetone	13.6		µg/kg wet		20.0		68	0-168		
Acrylonitrile	17.2		µg/kg wet		20.0		86	70-130		
Benzene	18.7		µg/kg wet		20.0		93	70-130		
Bromobenzene	21.4		µg/kg wet		20.0		107	70-130		
Bromochloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromodichloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromoform	21.0		µg/kg wet		20.0		105	70-130		
Bromomethane	18.8		µg/kg wet		20.0		94	40.9-138		
2-Butanone (MEK)	17.0		µg/kg wet		20.0		85	29.8-145		
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130		
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	21.1		µg/kg wet		20.0		105	70-130		
Carbon disulfide	20.4		µg/kg wet		20.0		102	70-130		
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		98	70-130		

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100395 - SW846 5030 Soil (high level)										
LCS (8100395-BS1)										
Prepared & Analyzed: 06-Oct-08										
Chloroethane	16.7		µg/kg wet		20.0		83	47.5-130		
Chloroform	16.9		µg/kg wet		20.0		85	70-130		
Chloromethane	18.8		µg/kg wet		20.0		94	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		97	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		97	70-130		
Dibromochloromethane	23.6		µg/kg wet		20.0		118	66.2-130		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	32-158		
1,1-Dichloroethane	16.0		µg/kg wet		20.0		80	70-130		
1,2-Dichloroethane	17.1		µg/kg wet		20.0		86	70-130		
1,1-Dichloroethene	17.1		µg/kg wet		20.0		86	70-130		
cis-1,2-Dichloroethene	18.0		µg/kg wet		20.0		90	70-130		
trans-1,2-Dichloroethene	15.6		µg/kg wet		20.0		78	70-130		
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93	70-130		
1,3-Dichloropropane	18.7		µg/kg wet		20.0		94	70-130		
2,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,1-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130		
cis-1,3-Dichloropropene	23.6		µg/kg wet		20.0		118	70-130		
trans-1,3-Dichloropropene	25.3		µg/kg wet		20.0		127	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	18.9		µg/kg wet		20.0		95	53.6-138		
2-Hexanone (MBK)	17.8		µg/kg wet		20.0		89	70-130		
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	19.7		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	16.5		µg/kg wet		20.0		82	70-130		
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88	53.5-137		
Methylene chloride	19.1		µg/kg wet		20.0		96	70-130		
Naphthalene	20.2		µg/kg wet		20.0		101	70-130		
n-Propylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Styrene	21.3		µg/kg wet		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	26.9	QC1	µg/kg wet		20.0		134	70-130		
1,1,2,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130		
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130		
Toluene	19.2		µg/kg wet		20.0		96	70-130		
1,2,3-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,3,5-Trichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,1,1-Trichloroethane	18.3		µg/kg wet		20.0		91	70-130		
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130		
Trichloroethene	17.9		µg/kg wet		20.0		90	70-130		
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85	50.9-138		
1,2,3-Trichloropropane	21.0		µg/kg wet		20.0		105	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limit	RPD	Limit
Batch 8100395 - SW846 5030 Soil (high level)										
<u>LCS (8100395-BS1)</u>										
Prepared & Analyzed: 06-Oct-08										
Vinyl chloride	17.7		µg/kg wet		20.0		89	70-130		
m,p-Xylene	40.3		µg/kg wet		40.0		101	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	16.9		µg/kg wet		20.0		85	70-130		
Ethyl ether	16.0		µg/kg wet		20.0		80	61.4-130		
Tert-amyl methyl ether	16.9		µg/kg wet		20.0		85	70-130		
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	15.8		µg/kg wet		20.0		79	70-130		
Tert-Butanol / butyl alcohol	183		µg/kg wet		200		92	70-130		
1,4-Dioxane	190		µg/kg wet		200		95	48.3-142		
trans-1,4-Dichloro-2-butene	21.3		µg/kg wet		20.0		106	70-130		
Ethanol	398		µg/kg wet		400		99	70-130		
Surrogate: 4-Bromofluorobenzene	31.7		µg/kg wet		30.0		106	70-130		
Surrogate: Toluene-d8	30.8		µg/kg wet		30.0		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	27.2		µg/kg wet		30.0		91	70-130		
Surrogate: Dibromofluoromethane	28.2		µg/kg wet		30.0		94	70-130		
<u>LCS Dup (8100395-BSD1)</u>										
Prepared & Analyzed: 06-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.7		µg/kg wet		20.0		93	70-130	2	25
Acetone	14.9		µg/kg wet		20.0		74	0-168	9	50
Acrylonitrile	18.1		µg/kg wet		20.0		91	70-130	5	25
Benzene	19.1		µg/kg wet		20.0		96	70-130	2	25
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130	2	25
Bromochloromethane	19.4		µg/kg wet		20.0		97	70-130	3	25
Bromodichloromethane	21.8		µg/kg wet		20.0		109	70-130	3	25
Bromoform	20.3		µg/kg wet		20.0		102	70-130	3	25
Bromomethane	20.4		µg/kg wet		20.0		102	40.9-138	8	50
2-Butanone (MEK)	18.3		µg/kg wet		20.0		92	29.8-145	8	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130	6	25
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130	0.6	25
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130	0.5	25
Carbon disulfide	20.7		µg/kg wet		20.0		103	70-130	1	25
Carbon tetrachloride	17.3		µg/kg wet		20.0		86	70-130	2	25
Chlorobenzene	19.9		µg/kg wet		20.0		99	70-130	2	25
Chloroethane	17.9		µg/kg wet		20.0		90	47.5-130	7	50
Chloroform	16.9		µg/kg wet		20.0		85	70-130	0.06	25
Chloromethane	20.5		µg/kg wet		20.0		103	70-130	9	25
2-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130	6	25
4-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	2	25
1,2-Dibromo-3-chloropropane	19.7		µg/kg wet		20.0		99	70-130	2	25
Dibromochloromethane	23.9		µg/kg wet		20.0		119	66.2-130	1	50
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130	2	25
Dibromomethane	19.1		µg/kg wet		20.0		96	70-130	3	25
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		107	70-130	0.8	25
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
Dichlorodifluoromethane (Freon12)	24.2		µg/kg wet		20.0		121	32-158	8	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86	70-130	7	25
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	7	25
1,1-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130	0.6	25

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100395 - SW846 5030 Soil (high level)										
<u>LCS Dup (8100395-BSD1)</u>										
Prepared & Analyzed: 06-Oct-08										
cis-1,2-Dichloroethene	18.7		µg/kg wet		20.0		94	70-130	4	25
trans-1,2-Dichloroethene	16.4		µg/kg wet		20.0		82	70-130	5	25
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	4	25
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130	5	25
2,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	0.1	25
1,1-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	2	25
cis-1,3-Dichloropropene	24.1		µg/kg wet		20.0		120	70-130	2	25
trans-1,3-Dichloropropene	26.3	QC1	µg/kg wet		20.0		131	70-130	4	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	2	25
Hexachlorobutadiene	18.5		µg/kg wet		20.0		93	53.6-138	2	50
2-Hexanone (MBK)	19.7		µg/kg wet		20.0		98	70-130	10	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99	70-130	0.7	25
4-Isopropyltoluene	20.3		µg/kg wet		20.0		101	70-130	3	25
Methyl tert-butyl ether	17.3		µg/kg wet		20.0		87	70-130	5	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	53.5-137	11	50
Methylene chloride	19.7		µg/kg wet		20.0		99	70-130	3	25
Naphthalene	20.8		µg/kg wet		20.0		104	70-130	3	25
n-Propylbenzene	20.3		µg/kg wet		20.0		101	70-130	4	25
Styrene	21.6		µg/kg wet		20.0		108	70-130	1	25
1,1,1,2-Tetrachloroethane	25.9		µg/kg wet		20.0		130	70-130	4	25
1,1,1,2,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	4	25
Tetrachloroethene	19.7		µg/kg wet		20.0		98	70-130	0.1	25
Toluene	19.4		µg/kg wet		20.0		97	70-130	0.8	25
1,2,3-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	0.4	25
1,2,4-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	2	25
1,3,5-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	2	25
1,1,1-Trichloroethane	18.4		µg/kg wet		20.0		92	70-130	0.5	25
1,1,2-Trichloroethane	20.5		µg/kg wet		20.0		103	70-130	6	25
Trichloroethene	18.4		µg/kg wet		20.0		92	70-130	3	25
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85	50.9-138	0.1	50
1,2,3-Trichloropropane	21.5		µg/kg wet		20.0		108	70-130	2	25
1,2,4-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	4	25
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130	2	25
Vinyl chloride	19.5		µg/kg wet		20.0		97	70-130	9	25
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130	3	25
o-Xylene	22.4		µg/kg wet		20.0		112	70-130	3	25
Tetrahydrofuran	18.7		µg/kg wet		20.0		93	70-130	10	25
Ethyl ether	16.9		µg/kg wet		20.0		85	61.4-130	6	50
Tert-amyl methyl ether	17.7		µg/kg wet		20.0		88	70-130	4	25
Ethyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	7	25
Di-isopropyl ether	17.4		µg/kg wet		20.0		87	70-130	9	25
Tert-Butanol / butyl alcohol	187		µg/kg wet		200		94	70-130	2	25
1,4-Dioxane	203		µg/kg wet		200		101	48.3-142	6	25
trans-1,4-Dichloro-2-butene	21.7		µg/kg wet		20.0		109	70-130	2	25
Ethanol	448		µg/kg wet		400		112	70-130	12	30
Surrogate: 4-Bromofluorobenzene	31.9		µg/kg wet		30.0		106	70-130		
Surrogate: Toluene-d8	31.4		µg/kg wet		30.0		105	70-130		
Surrogate: 1,2-Dichloroethane-d4	28.1		µg/kg wet		30.0		94	70-130		
Surrogate: Dibromofluoromethane	28.2		µg/kg wet		30.0		94	70-130		

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100395 - SW846 5030 Soil (high level)										
Matrix Spike (8100395-MS1)		Source: SA85485-01								
Prepared & Analyzed: 06-Oct-08										
Benzene	16.4		µg/kg dry		20.0	BRL	82	70-130		
Chlorobenzene	19.8		µg/kg dry		20.0	BRL	99	70-130		
1,1-Dichloroethene	12.8	QM7	µg/kg dry		20.0	BRL	64	70-130		
Toluene	16.1		µg/kg dry		20.0	BRL	80	70-130		
Trichloroethene	17.7		µg/kg dry		20.0	BRL	88	70-130		
Surrogate: 4-Bromofluorobenzene	30.6		µg/kg dry		30.0		102	70-130		
Surrogate: Toluene-d8	29.8		µg/kg dry		30.0		99	70-130		
Surrogate: 1,2-Dichloroethane-d4	37.6		µg/kg dry		30.0		126	70-130		
Surrogate: Dibromofluoromethane	33.1		µg/kg dry		30.0		110	70-130		
Matrix Spike Dup (8100395-MSD1)		Source: SA85485-01								
Prepared & Analyzed: 06-Oct-08										
Benzene	16.2		µg/kg dry		20.0	BRL	81	70-130	0.9	30
Chlorobenzene	19.5		µg/kg dry		20.0	BRL	97	70-130	2	30
1,1-Dichloroethene	14.0		µg/kg dry		20.0	BRL	70	70-130	8	30
Toluene	15.8		µg/kg dry		20.0	BRL	79	70-130	1	30
Trichloroethene	18.2		µg/kg dry		20.0	BRL	91	70-130	3	30
Surrogate: 4-Bromofluorobenzene	30.4		µg/kg dry		30.0		101	70-130		
Surrogate: Toluene-d8	29.7		µg/kg dry		30.0		99	70-130		
Surrogate: 1,2-Dichloroethane-d4	36.0		µg/kg dry		30.0		120	70-130		
Surrogate: Dibromofluoromethane	33.2		µg/kg dry		30.0		111	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
Batch 8100113 - SW846 3550B										
Blank (8100113-BLK1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Acenaphthene	BRL		µg/kg wet	66.5						
Acenaphthylene	BRL		µg/kg wet	66.5						
Anthracene	BRL		µg/kg wet	66.5						
Benzo (a) anthracene	BRL		µg/kg wet	66.5						
Benzo (a) pyrene	BRL		µg/kg wet	66.5						
Benzo (b) fluoranthene	BRL		µg/kg wet	66.5						
Benzo (g,h,i) perylene	BRL		µg/kg wet	66.5						
Benzo (k) fluoranthene	BRL		µg/kg wet	66.5						
Chrysene	BRL		µg/kg wet	66.5						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	66.5						
Fluoranthene	BRL		µg/kg wet	66.5						
Fluorene	BRL		µg/kg wet	66.5						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	66.5						
1-Methylnaphthalene	BRL		µg/kg wet	66.5						
2-Methylnaphthalene	BRL		µg/kg wet	66.5						
Naphthalene	BRL		µg/kg wet	66.5						
Phenanthrene	BRL		µg/kg wet	66.5						
Pyrene	BRL		µg/kg wet	66.5						
Surrogate: 2-Fluorobiphenyl	2430		µg/kg wet		3330		73	30-130		
Surrogate: Terphenyl-d14	2550		µg/kg wet		3330		76	30-130		
LCS (8100113-BS1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Acenaphthene	2480		µg/kg wet	66.5	3330		74	40-140		
Acenaphthylene	2560		µg/kg wet	66.5	3330		77	40-140		
Anthracene	2520		µg/kg wet	66.5	3330		75	40-140		
Benzo (a) anthracene	2690		µg/kg wet	66.5	3330		81	40-140		
Benzo (a) pyrene	2410		µg/kg wet	66.5	3330		72	40-140		
Benzo (b) fluoranthene	2480		µg/kg wet	66.5	3330		75	40-140		
Benzo (g,h,i) perylene	2180		µg/kg wet	66.5	3330		65	40-140		
Benzo (k) fluoranthene	2270		µg/kg wet	66.5	3330		68	40-140		
Chrysene	2680		µg/kg wet	66.5	3330		80	40-140		
Dibenzo (a,h) anthracene	2300		µg/kg wet	66.5	3330		69	40-140		
Fluoranthene	2480		µg/kg wet	66.5	3330		74	40-140		
Fluorene	2450		µg/kg wet	66.5	3330		74	40-140		
Indeno (1,2,3-cd) pyrene	2190		µg/kg wet	66.5	3330		66	40-140		
1-Methylnaphthalene	2430		µg/kg wet	66.5	3330		73	40-140		
2-Methylnaphthalene	2240		µg/kg wet	66.5	3330		67	40-140		
Naphthalene	2350		µg/kg wet	66.5	3330		70	40-140		
Phenanthrene	2390		µg/kg wet	66.5	3330		72	40-140		
Pyrene	2690		µg/kg wet	66.5	3330		81	40-140		
Surrogate: 2-Fluorobiphenyl	2370		µg/kg wet		3330		71	30-130		
Surrogate: Terphenyl-d14	2470		µg/kg wet		3330		74	30-130		
Duplicate (8100113-DUP1) Source: SA85335-17										
Prepared: 02-Oct-08 Analyzed: 05-Oct-08										
Acenaphthene	BRL		µg/kg dry	149		BRL				50
Acenaphthylene	BRL		µg/kg dry	149		BRL				50
Anthracene	BRL		µg/kg dry	149		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	149		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	149		BRL				50

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* Reportable Detection Limit

BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100113 - SW846 3550B										
Duplicate (8100113-DUP1)		Source: SA85335-17								
Prepared: 02-Oct-08 Analyzed: 05-Oct-08										
Benzo (b) fluoranthene	BRL		µg/kg dry	149		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	149		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	149		BRL				50
Chrysene	BRL		µg/kg dry	149		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	149		BRL				50
Fluoranthene	BRL		µg/kg dry	149		BRL				50
Fluorene	BRL		µg/kg dry	149		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	149		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	149		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	149		BRL				50
Naphthalene	BRL		µg/kg dry	149		BRL				50
Phenanthrene	BRL		µg/kg dry	149		BRL				50
Pyrene	BRL		µg/kg dry	149		BRL				50
Surrogate: 2-Fluorobiphenyl	2660		µg/kg dry		3740		71	30-130		
Surrogate: Terphenyl-d14	2760		µg/kg dry		3740		74	30-130		
Matrix Spike (8100113-MS1)		Source: SA85335-17								
Prepared: 02-Oct-08 Analyzed: 05-Oct-08										
Acenaphthene	2460		µg/kg dry	74.5	3740	BRL	66	40-140		
Pyrene	2820		µg/kg dry	74.5	3740	BRL	75	40-140		
Surrogate: 2-Fluorobiphenyl	2500		µg/kg dry		3740		67	30-130		
Surrogate: Terphenyl-d14	2570		µg/kg dry		3740		69	30-130		
Matrix Spike Dup (8100113-MSD1)		Source: SA85335-17								
Prepared: 02-Oct-08 Analyzed: 05-Oct-08										
Acenaphthene	2860		µg/kg dry	74.6	3740	BRL	76	40-140	15	30
Pyrene	3070		µg/kg dry	74.6	3740	BRL	82	40-140	9	30
Surrogate: 2-Fluorobiphenyl	2780		µg/kg dry		3740		74	30-130		
Surrogate: Terphenyl-d14	2910		µg/kg dry		3740		78	30-130		
Batch 8100579 - SW846 3550B										
Blank (8100579-BLK1)										
Prepared & Analyzed: 08-Oct-08										
Acenaphthene	BRL		µg/kg wet	66.5						
Acenaphthylene	BRL		µg/kg wet	66.5						
Anthracene	BRL		µg/kg wet	66.5						
Benzo (a) anthracene	BRL		µg/kg wet	66.5						
Benzo (a) pyrene	BRL		µg/kg wet	66.5						
Benzo (b) fluoranthene	BRL		µg/kg wet	66.5						
Benzo (g,h,i) perylene	BRL		µg/kg wet	66.5						
Benzo (k) fluoranthene	BRL		µg/kg wet	66.5						
Chrysene	BRL		µg/kg wet	66.5						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	66.5						
Fluoranthene	BRL		µg/kg wet	66.5						
Fluorene	BRL		µg/kg wet	66.5						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	66.5						
1-Methylnaphthalene	BRL		µg/kg wet	66.5						
2-Methylnaphthalene	BRL		µg/kg wet	66.5						
Naphthalene	BRL		µg/kg wet	66.5						
Phenanthrene	BRL		µg/kg wet	66.5						
Pyrene	BRL		µg/kg wet	66.5						
Surrogate: 2-Fluorobiphenyl	2190		µg/kg wet		3330		66	30-130		

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* Reportable Detection Limit

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Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100579 - SW846 3550B										
Blank (8100579-BLK1)										
Prepared & Analyzed: 08-Oct-08										
Surrogate: Terphenyl-dl4	2340		µg/kg wet		3330		70	30-130		
LCS (8100579-BS1)										
Prepared & Analyzed: 08-Oct-08										
Acenaphthene	2320		µg/kg wet	66.5	3330		69	40-140		
Acenaphthylene	2430		µg/kg wet	66.5	3330		73	40-140		
Anthracene	2360		µg/kg wet	66.5	3330		71	40-140		
Benzo (a) anthracene	2570		µg/kg wet	66.5	3330		77	40-140		
Benzo (a) pyrene	2270		µg/kg wet	66.5	3330		68	40-140		
Benzo (b) fluoranthene	2080		µg/kg wet	66.5	3330		62	40-140		
Benzo (g,h,i) perylene	2010		µg/kg wet	66.5	3330		60	40-140		
Benzo (k) fluoranthene	2480		µg/kg wet	66.5	3330		74	40-140		
Chrysene	2670		µg/kg wet	66.5	3330		80	40-140		
Dibenzo (a,h) anthracene	2220		µg/kg wet	66.5	3330		67	40-140		
Fluoranthene	2380		µg/kg wet	66.5	3330		71	40-140		
Fluorene	2420		µg/kg wet	66.5	3330		73	40-140		
Indeno (1,2,3-cd) pyrene	2150		µg/kg wet	66.5	3330		64	40-140		
1-Methylnaphthalene	2360		µg/kg wet	66.5	3330		71	40-140		
2-Methylnaphthalene	2280		µg/kg wet	66.5	3330		68	40-140		
Naphthalene	2270		µg/kg wet	66.5	3330		68	40-140		
Phenanthrene	2190		µg/kg wet	66.5	3330		66	40-140		
Pyrene	2530		µg/kg wet	66.5	3330		76	40-140		
Surrogate: 2-Fluorobiphenyl	2170		µg/kg wet		3330		65	30-130		
Surrogate: Terphenyl-dl4	2260		µg/kg wet		3330		68	30-130		
Duplicate (8100579-DUP1) Source: SA85668-03										
Prepared & Analyzed: 08-Oct-08										
Acenaphthene	BRL		µg/kg dry	176		BRL				50
Acenaphthylene	BRL		µg/kg dry	176		BRL				50
Anthracene	BRL		µg/kg dry	176		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	176		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	176		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	176		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	176		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	176		BRL				50
Chrysene	BRL		µg/kg dry	176		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	176		BRL				50
Fluoranthene	BRL		µg/kg dry	176		BRL				50
Fluorene	BRL		µg/kg dry	176		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	176		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	176		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	176		BRL				50
Naphthalene	BRL		µg/kg dry	176		BRL				50
Phenanthrene	BRL		µg/kg dry	176		BRL				50
Pyrene	BRL		µg/kg dry	176		BRL				50
Surrogate: 2-Fluorobiphenyl	2860		µg/kg dry		4420		65	30-130		
Surrogate: Terphenyl-dl4	3120		µg/kg dry		4420		70	30-130		
Matrix Spike (8100579-MS1) Source: SA85668-03										
Prepared & Analyzed: 08-Oct-08										
Acenaphthene	2780		µg/kg dry	86.8	4350	BRL	64	40-140		
Pyrene	3120		µg/kg dry	86.8	4350	BRL	72	40-140		

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Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100579 - SW846 3550B										
Matrix Spike (8100579-MS1)		Source: SA85668-03								
Prepared & Analyzed: 08-Oct-08										
Surrogate: 2-Fluorobiphenyl	2690		µg/kg dry		4350		62	30-130		
Surrogate: Terphenyl-d14	2780		µg/kg dry		4350		64	30-130		
Matrix Spike Dup (8100579-MSD1)		Source: SA85668-03								
Prepared & Analyzed: 08-Oct-08										
Acenaphthene	3010		µg/kg dry	86.6	4340	BRL	69	40-140	8	30
Pyrene	3740		µg/kg dry	86.6	4340	BRL	86	40-140	18	30
Surrogate: 2-Fluorobiphenyl	2910		µg/kg dry		4340		67	30-130		
Surrogate: Terphenyl-d14	3260		µg/kg dry		4340		75	30-130		
Batch 8100581 - SW846 3550B										
Blank (8100581-BLK1)										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Acenaphthene	BRL		µg/kg wet	66.5						
Acenaphthylene	BRL		µg/kg wet	66.5						
Anthracene	BRL		µg/kg wet	66.5						
Benzo (a) anthracene	BRL		µg/kg wet	66.5						
Benzo (a) pyrene	BRL		µg/kg wet	66.5						
Benzo (b) fluoranthene	BRL		µg/kg wet	66.5						
Benzo (g,h,i) perylene	BRL		µg/kg wet	66.5						
Benzo (k) fluoranthene	BRL		µg/kg wet	66.5						
Chrysene	BRL		µg/kg wet	66.5						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	66.5						
Fluoranthene	BRL		µg/kg wet	66.5						
Fluorene	BRL		µg/kg wet	66.5						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	66.5						
1-Methylnaphthalene	BRL		µg/kg wet	66.5						
2-Methylnaphthalene	BRL		µg/kg wet	66.5						
Naphthalene	BRL		µg/kg wet	66.5						
Phenanthrene	BRL		µg/kg wet	66.5						
Pyrene	BRL		µg/kg wet	66.5						
Surrogate: 2-Fluorobiphenyl	2200		µg/kg wet		3330		66	30-130		
Surrogate: Terphenyl-d14	2320		µg/kg wet		3330		70	30-130		
LCS (8100581-BS1)										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Acenaphthene	2230		µg/kg wet	66.5	3330		67	40-140		
Acenaphthylene	2300		µg/kg wet	66.5	3330		69	40-140		
Anthracene	2390		µg/kg wet	66.5	3330		72	40-140		
Benzo (a) anthracene	2440		µg/kg wet	66.5	3330		73	40-140		
Benzo (a) pyrene	2330		µg/kg wet	66.5	3330		70	40-140		
Benzo (b) fluoranthene	2130		µg/kg wet	66.5	3330		64	40-140		
Benzo (g,h,i) perylene	2140		µg/kg wet	66.5	3330		64	40-140		
Benzo (k) fluoranthene	2650		µg/kg wet	66.5	3330		79	40-140		
Chrysene	2730		µg/kg wet	66.5	3330		82	40-140		
Dibenzo (a,h) anthracene	2240		µg/kg wet	66.5	3330		67	40-140		
Fluoranthene	2370		µg/kg wet	66.5	3330		71	40-140		
Fluorene	2350		µg/kg wet	66.5	3330		71	40-140		
Indeno (1,2,3-cd) pyrene	1980		µg/kg wet	66.5	3330		60	40-140		
1-Methylnaphthalene	2220		µg/kg wet	66.5	3330		67	40-140		
2-Methylnaphthalene	2240		µg/kg wet	66.5	3330		67	40-140		
Naphthalene	2260		µg/kg wet	66.5	3330		68	40-140		

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Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100581 - SW846 3550B										
LCS (8100581-BS1)										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Phenanthrene	2200		µg/kg wet	66.5	3330		66	40-140		
Pyrene	2580		µg/kg wet	66.5	3330		78	40-140		
Surrogate: 2-Fluorobiphenyl	2200		µg/kg wet		3330		66	30-130		
Surrogate: Terphenyl-d14	2310		µg/kg wet		3330		69	30-130		
Duplicate (8100581-DUP1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Acenaphthene	BRL		µg/kg dry	75.4		BRL				50
Acenaphthylene	BRL		µg/kg dry	75.4		BRL				50
Anthracene	BRL		µg/kg dry	75.4		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	75.4		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	75.4		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	75.4		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	75.4		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	75.4		BRL				50
Chrysene	BRL		µg/kg dry	75.4		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	75.4		BRL				50
Fluoranthene	BRL		µg/kg dry	75.4		BRL				50
Fluorene	BRL		µg/kg dry	75.4		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	75.4		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	75.4		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	75.4		BRL				50
Naphthalene	BRL		µg/kg dry	75.4		BRL				50
Phenanthrene	BRL		µg/kg dry	75.4		BRL				50
Pyrene	BRL		µg/kg dry	75.4		BRL				50
Surrogate: 2-Fluorobiphenyl	1240		µg/kg dry		1890		66	30-130		
Surrogate: Terphenyl-d14	1380		µg/kg dry		1890		73	30-130		
Matrix Spike (8100581-MS1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Acenaphthene	1160		µg/kg dry	38.1	1910	BRL	61	40-140		
Pyrene	1300		µg/kg dry	38.1	1910	BRL	68	40-140		
Surrogate: 2-Fluorobiphenyl	1130		µg/kg dry		1910		59	30-130		
Surrogate: Terphenyl-d14	1160		µg/kg dry		1910		61	30-130		
Matrix Spike Dup (8100581-MSD1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Acenaphthene	1260		µg/kg dry	37.9	1900	BRL	66	40-140	8	30
Pyrene	1410		µg/kg dry	37.9	1900	BRL	74	40-140	9	30
Surrogate: 2-Fluorobiphenyl	1220		µg/kg dry		1900		64	30-130		
Surrogate: Terphenyl-d14	1240		µg/kg dry		1900		65	30-130		
Batch 8100719 - SW846 3535										
Blank (8100719-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Acenaphthene	BRL		µg/l	0.200						
Acenaphthylene	BRL		µg/l	0.200						
1-Methylnaphthalene	BRL		µg/l	0.200						
Anthracene	BRL		µg/l	0.200						
Benzo (a) anthracene	BRL		µg/l	0.200						
Benzo (a) pyrene	BRL		µg/l	0.200						
Benzo (b) fluoranthene	BRL		µg/l	0.200						
Benzo (g,h,i) perylene	BRL		µg/l	0.200						

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* Reportable Detection Limit

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Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100719 - SW846 3535										
Blank (8100719-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Benzo (k) fluoranthene	BRL		µg/l	0.200						
Chrysene	BRL		µg/l	0.200						
Dibenzo (a,h) anthracene	BRL		µg/l	0.200						
Fluoranthene	BRL		µg/l	0.200						
Fluorene	BRL		µg/l	0.200						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.200						
2-Methylnaphthalene	BRL		µg/l	0.200						
Naphthalene	BRL		µg/l	0.200						
Phenanthrene	BRL		µg/l	0.200						
Pyrene	BRL		µg/l	0.200						
Surrogate: 2-Fluorobiphenyl	157		µg/l		200		78	30-130		
Surrogate: Terphenyl-d14	157		µg/l		200		78	30-130		
LCS (8100719-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Acenaphthene	162		µg/l	0.200	200		81	40-140		
Acenaphthylene	156		µg/l	0.200	200		78	40-140		
1-Methylnaphthalene	163		µg/l	0.200	200		81	40-140		
Anthracene	177		µg/l	0.200	200		89	40-140		
Benzo (a) anthracene	164		µg/l	0.200	200		82	40-140		
Benzo (a) pyrene	162		µg/l	0.200	200		81	40-140		
Benzo (b) fluoranthene	148		µg/l	0.200	200		74	40-140		
Benzo (g,h,i) perylene	149		µg/l	0.200	200		75	40-140		
Benzo (k) fluoranthene	176		µg/l	0.200	200		88	40-140		
Chrysene	172		µg/l	0.200	200		86	40-140		
Dibenzo (a,h) anthracene	162		µg/l	0.200	200		81	40-140		
Fluoranthene	169		µg/l	0.200	200		84	40-140		
Fluorene	172		µg/l	0.200	200		86	40-140		
Indeno (1,2,3-cd) pyrene	146		µg/l	0.200	200		73	40-140		
2-Methylnaphthalene	171		µg/l	0.200	200		85	40-140		
Naphthalene	171		µg/l	0.200	200		86	40-140		
Phenanthrene	167		µg/l	0.200	200		83	40-140		
Pyrene	172		µg/l	0.200	200		86	40-140		
Surrogate: 2-Fluorobiphenyl	152		µg/l		200		76	30-130		
Surrogate: Terphenyl-d14	152		µg/l		200		76	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 8100111 - SW846 3545A										
Blank (8100111-BLK1)										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	16.5		µg/kg wet		20.0		82	30-150		
Surrogate: Decachlorobiphenyl (Sr)	22.7		µg/kg wet		20.0		114	30-150		
LCS (8100111-BS1)										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	232		µg/kg wet	20.0	250		93	40-140		
PCB 1260	267		µg/kg wet	20.0	250		107	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.0		µg/kg wet		20.0		85	30-150		
Surrogate: Decachlorobiphenyl (Sr)	24.4		µg/kg wet		20.0		122	30-150		
LCS Dup (8100111-BSD1)										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	222		µg/kg wet	20.0	250		89	40-140	4	30
PCB 1260	250		µg/kg wet	20.0	250		100	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	16.2		µg/kg wet		20.0		81	30-150		
Surrogate: Decachlorobiphenyl (Sr)	20.6		µg/kg wet		20.0		103	30-150		
Duplicate (8100111-DUP1) Source: SA85335-18										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	BRL		µg/kg dry	21.7		BRL				40
PCB 1221	BRL		µg/kg dry	21.7		BRL				40
PCB 1232	BRL		µg/kg dry	21.7		BRL				40
PCB 1242	BRL		µg/kg dry	21.7		BRL				40
PCB 1248	BRL		µg/kg dry	21.7		BRL				40
PCB 1254	BRL		µg/kg dry	21.7		BRL				40
PCB 1260	BRL		µg/kg dry	21.7		BRL				40
PCB 1262	BRL		µg/kg dry	21.7		BRL				40
PCB 1268	BRL		µg/kg dry	21.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	15.6		µg/kg dry		21.6		72	30-150		
Surrogate: Decachlorobiphenyl (Sr)	17.2		µg/kg dry		21.6		80	30-150		
Matrix Spike (8100111-MS1) Source: SA85335-18										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	233		µg/kg dry	22.4	280	BRL	83	40-140		
PCB 1260	240		µg/kg dry	22.4	280	BRL	86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.2		µg/kg dry		22.4		77	30-150		
Surrogate: Decachlorobiphenyl (Sr)	21.0		µg/kg dry		22.4		94	30-150		
Matrix Spike Dup (8100111-MSD1) Source: SA85335-18										
Prepared & Analyzed: 02-Oct-08										
PCB 1016	207		µg/kg dry	22.3	279	BRL	74	40-140	11	50
PCB 1260	222		µg/kg dry	22.3	279	BRL	80	40-140	8	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.3		µg/kg dry		22.3		78	30-150		
Surrogate: Decachlorobiphenyl (Sr)	21.6		µg/kg dry		22.3		97	30-150		
Batch 8100207 - SW846 3545A										

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* Reportable Detection Limit

BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100207 - SW846 3545A										
Blank (8100207-BLK1)										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	BRL		µg/kg wet	20.0						
PCB 1221	BRL		µg/kg wet	20.0						
PCB 1232	BRL		µg/kg wet	20.0						
PCB 1242	BRL		µg/kg wet	20.0						
PCB 1248	BRL		µg/kg wet	20.0						
PCB 1254	BRL		µg/kg wet	20.0						
PCB 1260	BRL		µg/kg wet	20.0						
PCB 1262	BRL		µg/kg wet	20.0						
PCB 1268	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.8		µg/kg wet		20.0		89	30-150		
Surrogate: Decachlorobiphenyl (Sr)	16.3		µg/kg wet		20.0		82	30-150		
LCS (8100207-BS1)										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	257		µg/kg wet	20.0	250		103	40-140		
PCB 1260	250		µg/kg wet	20.0	250		100	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.7		µg/kg wet		20.0		88	30-150		
Surrogate: Decachlorobiphenyl (Sr)	15.4		µg/kg wet		20.0		77	30-150		
LCS Dup (8100207-BSD1)										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	258		µg/kg wet	20.0	250		103	40-140	0.5	30
PCB 1260	255		µg/kg wet	20.0	250		102	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.7		µg/kg wet		20.0		88	30-150		
Surrogate: Decachlorobiphenyl (Sr)	16.0		µg/kg wet		20.0		80	30-150		
Duplicate (8100207-DUP1) Source: SA85397-04										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	BRL		µg/kg dry	22.0		BRL				40
PCB 1221	BRL		µg/kg dry	22.0		BRL				40
PCB 1232	BRL		µg/kg dry	22.0		BRL				40
PCB 1242	BRL		µg/kg dry	22.0		BRL				40
PCB 1248	BRL		µg/kg dry	22.0		BRL				40
PCB 1254	BRL		µg/kg dry	22.0		BRL				40
PCB 1260	BRL		µg/kg dry	22.0		BRL				40
PCB 1262	BRL		µg/kg dry	22.0		BRL				40
PCB 1268	BRL		µg/kg dry	22.0		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	16.8		µg/kg dry		22.0		76	30-150		
Surrogate: Decachlorobiphenyl (Sr)	17.9		µg/kg dry		22.0		82	30-150		
Matrix Spike (8100207-MS1) Source: SA85397-04										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	235		µg/kg dry	21.7	271	BRL	87	40-140		
PCB 1260	241		µg/kg dry	21.7	271	BRL	89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	17.2		µg/kg dry		21.6		80	30-150		
Surrogate: Decachlorobiphenyl (Sr)	18.3		µg/kg dry		21.6		85	30-150		
Matrix Spike Dup (8100207-MSD1) Source: SA85397-04										
Prepared & Analyzed: 03-Oct-08										
PCB 1016	220		µg/kg dry	21.6	269	BRL	82	40-140	6	50
PCB 1260	220		µg/kg dry	21.6	269	BRL	82	40-140	8	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	15.7		µg/kg dry		21.6		73	30-150		
Surrogate: Decachlorobiphenyl (Sr)	16.9		µg/kg dry		21.6		78	30-150		

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* Reportable Detection Limit

BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100115 - SW846 3550B										
Blank (8100115-BLK1)										
Prepared & Analyzed: 02-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	2.61		mg/kg wet		3.33		78	50-150		
LCS (8100115-BS1)										
Prepared & Analyzed: 02-Oct-08										
C9-C36 Aliphatic Hydrocarbons	76.1		mg/kg wet	13.3	93.3		82	60-120		
Surrogate: 1-Chlorooctadecane	2.50		mg/kg wet		3.33		75	50-150		
Duplicate (8100115-DUP1) Source: SA85335-17										
Prepared & Analyzed: 02-Oct-08										
Gasoline	BRL		mg/kg dry	29.8		BRL				50
Fuel Oil #2	BRL		mg/kg dry	29.8		BRL				50
Fuel Oil #4	BRL		mg/kg dry	29.8		BRL				50
Fuel Oil #6	BRL		mg/kg dry	29.8		BRL				50
Motor Oil	BRL		mg/kg dry	29.8		BRL				50
Aviation Fuel	BRL		mg/kg dry	29.8		BRL				50
Unidentified	BRL		mg/kg dry	29.8		BRL				50
Other Oil	BRL		mg/kg dry	29.8		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.8		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.8		BRL				50
Surrogate: 1-Chlorooctadecane	4.43		mg/kg dry		7.48		59	50-150		
Matrix Spike (8100115-MS1) Source: SA85335-17										
Prepared & Analyzed: 02-Oct-08										
C9-C36 Aliphatic Hydrocarbons	86.1		mg/kg dry	14.9	105	BRL	82	50-150		
Surrogate: 1-Chlorooctadecane	4.02		mg/kg dry		3.74		108	50-150		
Matrix Spike Dup (8100115-MSD1) Source: SA85335-17										
Prepared & Analyzed: 02-Oct-08										
C9-C36 Aliphatic Hydrocarbons	75.8		mg/kg dry	14.9	105	BRL	72	50-150	13	30
Surrogate: 1-Chlorooctadecane	3.35		mg/kg dry		3.75		89	50-150		
Batch 8100118 - SW846 3550B										
Blank (8100118-BLK1)										
Prepared: 02-Oct-08 Analyzed: 06-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch 8100118 - SW846 3550B									
Blank (8100118-BLK1)									
Prepared: 02-Oct-08 Analyzed: 06-Oct-08									
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3					
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3					
Surrogate: 1-Chlorooctadecane	3.85		mg/kg wet		3.33		115 50-150		
LCS (8100118-BS1)									
Prepared: 02-Oct-08 Analyzed: 06-Oct-08									
C9-C36 Aliphatic Hydrocarbons	77.5		mg/kg wet	13.3	93.3		83 60-120		
Surrogate: 1-Chlorooctadecane	3.39		mg/kg wet		3.33		102 50-150		
Duplicate (8100118-DUP1) Source: SA85335-05									
Prepared: 02-Oct-08 Analyzed: 06-Oct-08									
Gasoline	BRL		mg/kg dry	27.5		BRL			50
Fuel Oil #2	BRL		mg/kg dry	27.5		BRL			50
Fuel Oil #4	BRL		mg/kg dry	27.5		BRL			50
Fuel Oil #6	BRL		mg/kg dry	27.5		BRL			50
Motor Oil	BRL		mg/kg dry	27.5		BRL			50
Aviation Fuel	BRL		mg/kg dry	27.5		BRL			50
Unidentified	BRL		mg/kg dry	27.5		BRL			50
Other Oil	BRL		mg/kg dry	27.5		BRL			50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.5		BRL			50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.5		BRL			50
Surrogate: 1-Chlorooctadecane	3.70		mg/kg dry		3.45		107 50-150		
Matrix Spike (8100118-MS1) Source: SA85335-05									
Prepared: 02-Oct-08 Analyzed: 06-Oct-08									
C9-C36 Aliphatic Hydrocarbons	73.7		mg/kg dry	13.9	97.8	BRL	75 50-150		
Surrogate: 1-Chlorooctadecane	2.87		mg/kg dry		3.49		82 50-150		
Matrix Spike Dup (8100118-MSD1) Source: SA85335-05									
Prepared: 02-Oct-08 Analyzed: 06-Oct-08									
C9-C36 Aliphatic Hydrocarbons	77.0		mg/kg dry	13.8	96.5	BRL	80 50-150	6	30
Surrogate: 1-Chlorooctadecane	3.05		mg/kg dry		3.45		88 50-150		
Batch 8100202 - SW846 3550B									
Blank (8100202-BLK1)									
Prepared & Analyzed: 03-Oct-08									
Gasoline	BRL		mg/kg wet	13.3					
Fuel Oil #2	BRL		mg/kg wet	13.3					
Fuel Oil #4	BRL		mg/kg wet	13.3					
Fuel Oil #6	BRL		mg/kg wet	13.3					
Motor Oil	BRL		mg/kg wet	13.3					
Aviation Fuel	BRL		mg/kg wet	13.3					
Unidentified	BRL		mg/kg wet	13.3					
Other Oil	BRL		mg/kg wet	13.3					
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3					
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3					
Surrogate: 1-Chlorooctadecane	3.81		mg/kg wet		3.33		114 50-150		
LCS (8100202-BS1)									
Prepared & Analyzed: 03-Oct-08									
C9-C36 Aliphatic Hydrocarbons	68.5		mg/kg wet	13.3	93.3		73 60-120		
Surrogate: 1-Chlorooctadecane	2.90		mg/kg wet		3.33		87 50-150		

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* Reportable Detection Limit

BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	REC Limits	RPD	RPD Limit
Batch 8100202 - SW846 3550B										
Duplicate (8100202-DUP1)		Source: SA85335-27								
Prepared & Analyzed: 03-Oct-08										
Gasoline	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	27.7		BRL				50
Fuel Oil #6	BRL		mg/kg dry	27.7		BRL				50
Motor Oil	BRL		mg/kg dry	27.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	27.7		BRL				50
Unidentified	BRL		mg/kg dry	27.7		BRL				50
Other Oil	BRL		mg/kg dry	27.7		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.7		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.7		BRL				50
Surrogate: 1-Chlorooctadecane	3.29		mg/kg dry		3.47		95	50-150		
Matrix Spike (8100202-MS1)		Source: SA85335-27								
Prepared & Analyzed: 03-Oct-08										
C9-C36 Aliphatic Hydrocarbons	80.9		mg/kg dry	13.8	96.5	BRL	84	50-150		
Surrogate: 1-Chlorooctadecane	3.42		mg/kg dry		3.45		99	50-150		
Matrix Spike Dup (8100202-MSD1)		Source: SA85335-27								
Prepared & Analyzed: 03-Oct-08										
C9-C36 Aliphatic Hydrocarbons	88.7		mg/kg dry	13.8	96.8	BRL	92	50-150	9	30
Surrogate: 1-Chlorooctadecane	3.85		mg/kg dry		3.46		111	50-150		
Batch 8100204 - SW846 3550B										
Blank (8100204-BLK1)										
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	2.90		mg/kg wet		3.33		87	50-150		
LCS (8100204-BS1)										
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	56.3		mg/kg wet	13.3	93.3		60	60-120		
Surrogate: 1-Chlorooctadecane	2.52		mg/kg wet		3.33		76	50-150		
Duplicate (8100204-DUP1)		Source: SA85112-24								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
Gasoline	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #2	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #4	BRL		mg/kg dry	29.0		BRL				50
Fuel Oil #6	BRL		mg/kg dry	29.0		BRL				50
Motor Oil	BRL		mg/kg dry	29.0		BRL				50
Aviation Fuel	BRL		mg/kg dry	29.0		BRL				50
Unidentified	BRL		mg/kg dry	29.0		BRL				50
Other Oil	BRL		mg/kg dry	29.0		BRL				50

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
Batch 8100204 - SW846 3550B										
Duplicate (8100204-DUP1)		Source: SA85112-24								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.0		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.0		BRL				50
Surrogate: 1-Chlorooctadecane	3.44		mg/kg dry		3.64		95	50-150		
Matrix Spike (8100204-MS1)		Source: SA85112-24								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	51.4		mg/kg dry	14.4	101	BRL	51	50-150		
Surrogate: 1-Chlorooctadecane	2.35		mg/kg dry		3.61		65	50-150		
Matrix Spike Dup (8100204-MSD1)		Source: SA85112-24								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	56.9		mg/kg dry	15.0	106	BRL	54	50-150	6	30
Surrogate: 1-Chlorooctadecane	2.58		mg/kg dry		3.77		68	50-150		
Batch 8100205 - SW846 3550B										
Blank (8100205-BLK1)										
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	2.83		mg/kg wet		3.33		85	50-150		
LCS (8100205-BS1)										
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	93.0		mg/kg wet	13.3	93.3		100	60-120		
Surrogate: 1-Chlorooctadecane	2.49		mg/kg wet		3.33		75	50-150		
Duplicate (8100205-DUP1)		Source: SA85112-08								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
Gasoline	BRL		mg/kg dry	30.7		BRL				50
Fuel Oil #2	BRL		mg/kg dry	30.7		BRL				50
Fuel Oil #4	BRL		mg/kg dry	30.7		BRL				50
Fuel Oil #6	Calculated as		mg/kg dry	30.7		BRL				50
Motor Oil	BRL		mg/kg dry	30.7		BRL				50
Aviation Fuel	BRL		mg/kg dry	30.7		BRL				50
Unidentified	2550		mg/kg dry	30.7		3510			32	50
Other Oil	Calculated as		mg/kg dry	30.7		BRL				50
Total Petroleum Hydrocarbons	2550		mg/kg dry	30.7		3510			32	50
C9-C36 Aliphatic Hydrocarbons	2550		mg/kg dry	30.7		3510			32	50
Surrogate: 1-Chlorooctadecane	2.99		mg/kg dry		3.84		78	50-150		
Matrix Spike (8100205-MS1)		Source: SA85112-08								
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	3270	QM2	mg/kg dry	15.6	110	3510	-214	50-150		
Surrogate: 1-Chlorooctadecane	2.62		mg/kg dry		3.92		67	50-150		

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100205 - SW846 3550B										
Matrix Spike Dup (8100205-MSD1) Source: SA85112-08										
Prepared: 03-Oct-08 Analyzed: 06-Oct-08										
C9-C36 Aliphatic Hydrocarbons	2650	QM2	mg/kg dry	15.8	111	3510	-774	50-150	NR	30
Surrogate: 1-Chlorooctadecane	2.50		mg/kg dry		3.96		63	50-150		
Batch 8100578 - SW846 3550B										
Blank (8100578-BLK1)										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	1.75		mg/kg wet		3.33		53	50-150		
LCS (8100578-BS1)										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
C9-C36 Aliphatic Hydrocarbons	36.8		mg/kg wet	13.3	46.7		79	60-120		
Surrogate: 1-Chlorooctadecane	1.26		mg/kg wet		1.67		76	50-150		
Duplicate (8100578-DUP1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
Gasoline	BRL		mg/kg dry	15.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.1		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.1		BRL				50
Motor Oil	BRL		mg/kg dry	15.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.1		BRL				50
Unidentified	BRL		mg/kg dry	15.1		BRL				50
Other Oil	BRL		mg/kg dry	15.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.1		BRL				50
Surrogate: 1-Chlorooctadecane	0.960		mg/kg dry		1.89		51	50-150		
Matrix Spike (8100578-MS1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
C9-C36 Aliphatic Hydrocarbons	39.1		mg/kg dry	14.9	52.3	BRL	75	50-150		
Surrogate: 1-Chlorooctadecane	1.32		mg/kg dry		1.87		71	50-150		
Matrix Spike Dup (8100578-MSD1) Source: SA85491-06										
Prepared: 08-Oct-08 Analyzed: 09-Oct-08										
C9-C36 Aliphatic Hydrocarbons	39.4		mg/kg dry	15.1	53.0	BRL	74	50-150	0.6	30
Surrogate: 1-Chlorooctadecane	1.40		mg/kg dry		1.89		74	50-150		
Batch 8101002 - SW846 3550B										
Blank (8101002-BLK1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	REC Limits	RPD	RPD Limit
Batch 8101002 - SW846 3550B										
Blank (8101002-BLK1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	2.13		mg/kg wet		3.33		64	50-150		
LCS (8101002-BS1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	73.8		mg/kg wet	13.3	93.3		79	60-120		
Surrogate: 1-Chlorooctadecane	2.35		mg/kg wet		3.33		70	50-150		
Duplicate (8101002-DUP1) Source: SA85887-01										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Gasoline	BRL		mg/kg dry	33.3		BRL				50
Fuel Oil #2	BRL		mg/kg dry	33.3		BRL				50
Fuel Oil #4	BRL		mg/kg dry	33.3		BRL				50
Fuel Oil #6	BRL		mg/kg dry	33.3		BRL				50
Motor Oil	BRL		mg/kg dry	33.3		BRL				50
Aviation Fuel	BRL		mg/kg dry	33.3		BRL				50
Unidentified	BRL		mg/kg dry	33.3		BRL				50
Other Oil	BRL		mg/kg dry	33.3		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.3		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.3		BRL				50
Surrogate: 1-Chlorooctadecane	2.99		mg/kg dry		4.18		72	50-150		
Matrix Spike (8101002-MS1) Source: SA85887-01										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	84.4		mg/kg dry	17.0	119	BRL	71	50-150		
Surrogate: 1-Chlorooctadecane	2.76		mg/kg dry		4.27		65	50-150		
Matrix Spike Dup (8101002-MSD1) Source: SA85887-01										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
C9-C36 Aliphatic Hydrocarbons	86.4		mg/kg dry	16.7	117	BRL	74	50-150	4	30
Surrogate: 1-Chlorooctadecane	2.78		mg/kg dry		4.19		66	50-150		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit
Batch 8100083 - SW846 3050B										
Blank (8100083-BLK1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	BRL		mg/kg wet	1.42						
Lead	BRL		mg/kg wet	1.42						
Silver	BRL		mg/kg wet	1.42						
Cadmium	BRL		mg/kg wet	0.472						
Arsenic	BRL		mg/kg wet	1.42						
Chromium	BRL		mg/kg wet	0.944						
Barium	BRL		mg/kg wet	0.944						
Duplicate (8100083-DUP1) Source: SA85335-01										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	BRL		mg/kg dry	1.54		BRL				20
Lead	65.4	QR6	mg/kg dry	1.54		53.1			21	20
Cadmium	0.558	QR8	mg/kg dry	0.512		0.744			29	20
Silver	BRL		mg/kg dry	1.54		BRL				20
Arsenic	1.58	QR8	mg/kg dry	1.54		0.999			45	20
Chromium	21.4		mg/kg dry	1.02		25.6			18	20
Barium	75.8		mg/kg dry	1.02		64.9			16	20
Matrix Spike (8100083-MS1) Source: SA85335-04										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	122		mg/kg dry	1.60	133	BRL	92	75-125		
Lead	150		mg/kg dry	1.60	133	24.4	94	75-125		
Arsenic	125		mg/kg dry	1.60	133	2.00	92	75-125		
Silver	127		mg/kg dry	1.60	133	BRL	95	75-125		
Chromium	148		mg/kg dry	1.07	133	25.9	92	75-125		
Cadmium	128		mg/kg dry	0.533	133	0.673	96	75-125		
Barium	209		mg/kg dry	1.07	133	67.1	107	75-125		
Matrix Spike Dup (8100083-MSD1) Source: SA85335-04										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	126		mg/kg dry	1.59	133	BRL	95	75-125	3	20
Lead	153		mg/kg dry	1.59	133	24.4	97	75-125	2	20
Arsenic	128		mg/kg dry	1.59	133	2.00	95	75-125	2	20
Silver	128		mg/kg dry	1.59	133	BRL	96	75-125	0.8	20
Cadmium	130		mg/kg dry	0.531	133	0.673	98	75-125	1	20
Chromium	149		mg/kg dry	1.06	133	25.9	93	75-125	0.8	20
Barium	226		mg/kg dry	1.06	133	67.1	120	75-125	8	20
Post Spike (8100083-PS1) Source: SA85335-04										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	117		mg/kg dry	1.42	118	BRL	99	80-120		
Lead	143		mg/kg dry	1.42	118	24.4	100	80-120		
Silver	117		mg/kg dry	1.42	118	BRL	99	80-120		
Chromium	136		mg/kg dry	0.945	118	25.9	93	80-120		
Cadmium	119		mg/kg dry	0.472	118	0.673	100	80-120		
Arsenic	118		mg/kg dry	1.42	118	2.00	98	80-120		
Barium	185		mg/kg dry	0.945	118	67.1	100	80-120		
Reference (8100083-SRM1)										
Prepared: 02-Oct-08 Analyzed: 04-Oct-08										
Selenium	48.6		mg/kg wet	1.50	47.1		103	76.8-123.3		
Lead	84.3		mg/kg wet	1.50	84.1		100	81.5-118.5		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	Limit	RPD	Limit
Batch 8100083 - SW846 3050B										
Reference (8100083-SRM1)										
Prepared: 02-Oct-08 Analyzed: 04-Oct-08										
Silver	40.2		mg/kg wet	1.50	40.6		99	66.3-133		
Arsenic	66.2		mg/kg wet	1.50	66.6		99	80.5-120.3		
Cadmium	54.6		mg/kg wet	0.500	51.6		106	82.8-116.8		
Chromium	104		mg/kg wet	1.00	110		95	81.7-117.9		
Barium	128		mg/kg wet	1.00	113		113	81.4-118.6		
Reference (8100083-SRM2)										
Prepared: 02-Oct-08 Analyzed: 04-Oct-08										
Selenium	48.5		mg/kg wet	1.50	47.2		103	76.8-123.3		
Lead	87.2		mg/kg wet	1.50	84.2		104	81.5-118.5		
Cadmium	54.9		mg/kg wet	0.500	51.6		106	82.8-116.8		
Silver	39.3		mg/kg wet	1.50	40.7		97	66.3-133		
Arsenic	66.0		mg/kg wet	1.50	66.7		99	80.5-120.3		
Chromium	103		mg/kg wet	1.00	110		94	81.7-117.9		
Barium	121		mg/kg wet	1.00	113		107	81.4-118.6		
Batch 8100084 - EPA200/SW7000 Series										
Blank (8100084-BLK1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	BRL		mg/kg wet	0.0270						
Duplicate (8100084-DUP1) Source: SA85335-05										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	BRL		mg/kg dry	0.0290		BRL				20
Matrix Spike (8100084-MS1) Source: SA85335-06										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	0.571		mg/kg dry	0.0330	0.458	0.0715	109	75-125		
Matrix Spike Dup (8100084-MSD1) Source: SA85335-06										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	0.563		mg/kg dry	0.0322	0.447	0.0715	110	75-125	2	20
Reference (8100084-SRM1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	1.59		mg/kg wet	0.0300	1.59		100	71.2-128.7		
Batch 8100086 - SW846 3050B										
Blank (8100086-BLK1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	BRL		mg/kg wet	1.47						
Lead	BRL		mg/kg wet	1.47						
Chromium	BRL		mg/kg wet	0.977						
Silver	3.07	QB1	mg/kg wet	1.47						
Arsenic	BRL		mg/kg wet	1.47						
Cadmium	BRL		mg/kg wet	0.488						
Barium	BRL		mg/kg wet	0.977						
Duplicate (8100086-DUP1) Source: SA85335-37										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	0.465	J	mg/kg dry	1.60		0.495			6	20
Lead	15.4		mg/kg dry	1.60		14.6			5	20
Arsenic	4.21	QR8	mg/kg dry	1.60		3.37			22	20

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100086 - SW846 3050B										
Duplicate (8100086-DUP1)		Source: SA85335-37								
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Cadmium	0.769		mg/kg dry	0.534		0.725			6	20
Silver	0.806	J,QR8	mg/kg dry	1.60		1.13			34	20
Chromium	17.4		mg/kg dry	1.07		15.0			15	20
Barium	105		mg/kg dry	1.07		113			7	20
Matrix Spike (8100086-MS1)		Source: SA85335-38								
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	121		mg/kg dry	1.57	131	0.477	93	75-125		
Lead	305		mg/kg dry	1.57	131	192	86	75-125		
Arsenic	149		mg/kg dry	1.57	131	3.69	111	75-125		
Chromium	185	QM8	mg/kg dry	1.05	131	8.32	135	75-125		
Cadmium	133		mg/kg dry	0.523	131	1.55	100	75-125		
Silver	133		mg/kg dry	1.57	131	BRL	102	75-125		
Barium	215		mg/kg dry	1.05	131	86.4	98	75-125		
Matrix Spike Dup (8100086-MSD1)		Source: SA85335-38								
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	104		mg/kg dry	1.41	117	0.477	88	75-125	15	20
Lead	302		mg/kg dry	1.41	117	192	94	75-125	0.9	20
Silver	116		mg/kg dry	1.41	117	BRL	99	75-125	14	20
Arsenic	111	QR9	mg/kg dry	1.41	117	3.69	91	75-125	29	20
Chromium	125	QR7	mg/kg dry	0.940	117	8.32	99	75-125	39	20
Cadmium	118		mg/kg dry	0.470	117	1.55	99	75-125	12	20
Barium	212		mg/kg dry	0.940	117	86.4	107	75-125	1	20
Post Spike (8100086-PS1)		Source: SA85335-38								
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	2.42		mg/kg dry		2.50	0.0095	96	80-120		
Silver	2.47		mg/kg dry		2.50	0.0048	98	80-120		
Chromium	2.56		mg/kg dry		2.50	0.165	96	80-120		
Cadmium	2.50		mg/kg dry		2.50	0.0309	99	80-120		
Arsenic	2.49		mg/kg dry		2.50	0.0732	97	80-120		
Barium	3.86		mg/kg dry		2.50	1.72	86	80-120		
Reference (8100086-SRM1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	46.3		mg/kg wet	1.50	47.7		97	76.8-123.3		
Lead	83.9		mg/kg wet	1.50	85.2		98	81.5-118.5		
Cadmium	50.2		mg/kg wet	0.500	52.3		96	82.8-116.8		
Silver	39.6		mg/kg wet	1.50	41.2		96	66.3-133		
Chromium	113		mg/kg wet	1.00	111		102	81.7-117.9		
Arsenic	65.3		mg/kg wet	1.50	67.5		97	80.5-120.3		
Barium	124		mg/kg wet	1.00	115		108	81.4-118.6		
Reference (8100086-SRM2)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Selenium	46.6		mg/kg wet	1.50	47.9		97	76.8-123.3		
Lead	81.7		mg/kg wet	1.50	85.5		96	81.5-118.5		
Cadmium	51.4		mg/kg wet	0.500	52.4		98	82.8-116.8		
Chromium	119		mg/kg wet	1.00	111		107	81.7-117.9		
Silver	38.7		mg/kg wet	1.50	41.3		94	66.3-133		
Arsenic	64.6		mg/kg wet	1.50	67.7		95	80.5-120.3		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100086 - SW846 3050B										
Reference (8100086-SRM2)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Barium	116		mg/kg wet	1.00	115		101	81.4-118.6		
Batch 8100088 - EPA200/SW7000 Series										
Blank (8100088-BLK1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	BRL		mg/kg wet	0.0275						
Duplicate (8100088-DUP1) Source: SA85335-46										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	0.0881		mg/kg dry	0.0333		0.0847			4	20
Matrix Spike (8100088-MS1) Source: SA85335-47										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	0.830		mg/kg dry	0.0330	0.458	0.414	91	75-125		
Matrix Spike Dup (8100088-MSD1) Source: SA85335-47										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	0.846		mg/kg dry	0.0341	0.474	0.414	91	75-125	2	20
Reference (8100088-SRM1)										
Prepared: 02-Oct-08 Analyzed: 03-Oct-08										
Mercury	1.63		mg/kg wet	0.0300	1.57		103	71.2-128.7		
Batch 8100617 - SW846 3050B										
Blank (8100617-BLK1)										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	BRL		mg/kg wet	1.38						
Duplicate (8100617-DUP1) Source: SA85667-01										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	5.27		mg/kg dry	1.47		5.31			0.8	20
Matrix Spike (8100617-MS1) Source: SA85667-02										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	136		mg/kg dry	1.64	136	1.66	98	75-125		
Matrix Spike Dup (8100617-MSD1) Source: SA85667-02										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	136		mg/kg dry	1.65	137	1.66	98	75-125	0.6	20
Post Spike (8100617-PS1) Source: SA85667-02										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	137		mg/kg dry	1.62	135	1.66	101	80-120		
Reference (8100617-SRM1)										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	68.8		mg/kg wet	1.50	69.5		99	80.9-119.9		
Reference (8100617-SRM2)										
Prepared: 08-Oct-08 Analyzed: 10-Oct-08										
Lead	71.8		mg/kg wet	1.50	69.6		103	80.9-119.9		
Batch 8100989 - SW846 3050B										
Blank (8100989-BLK1)										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	BRL		mg/kg wet	1.48						

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100989 - SW846 3050B										
<u>Duplicate (8100989-DUP1)</u> Source: SA85335-58										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	9.94		mg/kg dry	1.83		9.13			8	20
<u>Matrix Spike (8100989-MS1)</u> Source: SA85335-60										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	279		mg/kg dry	1.66	138	145	96	75-125		
<u>Matrix Spike Dup (8100989-MSD1)</u> Source: SA85335-60										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	286		mg/kg dry	1.66	138	145	101	75-125	2	20
<u>Post Spike (8100989-PS1)</u> Source: SA85335-60										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	5.39		mg/kg dry		2.50	2.73	106	80-120		
<u>Reference (8100989-SRM1)</u>										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	70.5		mg/kg wet	1.50	69.3		102	80.9-119.9		
<u>Reference (8100989-SRM2)</u>										
Prepared: 14-Oct-08 Analyzed: 15-Oct-08										
Lead	70.6		mg/kg wet	1.50	68.4		103	80.9-119.9		

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* 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 Limits	RPD	RPD Limit
Batch 8100698 - SW846 3010A									
Blank (8100698-BLK1)									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	BRL		mg/l	0.0150					
Cadmium	BRL		mg/l	0.0050					
Arsenic	BRL		mg/l	0.0080					
Chromium	BRL		mg/l	0.0100					
Barium	BRL		mg/l	0.0100					
LCS (8100698-BS1)									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	2.49		mg/l	0.0150	2.50		100	84.7-114	
Arsenic	2.47		mg/l	0.0080	2.50		99	85.5-108	
Chromium	2.50		mg/l	0.0100	2.50		100	88.3-115	
Cadmium	2.52		mg/l	0.0050	2.50		101	90.1-113	
Barium	2.50		mg/l	0.0100	2.50		100	84.9-115	
LCS Dup (8100698-BSD1)									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	2.42		mg/l	0.0150	2.50		97	84.7-114	3 20
Arsenic	2.38		mg/l	0.0080	2.50		95	85.5-108	4 20
Cadmium	2.46		mg/l	0.0050	2.50		98	90.1-113	3 20
Chromium	2.42		mg/l	0.0100	2.50		97	88.3-115	3 20
Barium	2.40		mg/l	0.0100	2.50		96	84.9-115	4 20
Duplicate (8100698-DUP1) Source: SA85667-06									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	BRL		mg/l	0.0150		BRL			20
Arsenic	BRL		mg/l	0.0080		BRL			20
Chromium	BRL		mg/l	0.0100		BRL			20
Cadmium	BRL		mg/l	0.0050		BRL			20
Barium	0.0070	J	mg/l	0.0100		0.0085			19 20
Matrix Spike (8100698-MS1) Source: SA85667-01									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	2.47		mg/l	0.0150	2.50	BRL	99	82.1-112	
Chromium	2.48		mg/l	0.0100	2.50	BRL	99	89-111	
Arsenic	2.46		mg/l	0.0080	2.50	BRL	98	83.1-110	
Cadmium	2.50		mg/l	0.0050	2.50	BRL	100	85.4-113	
Barium	2.56		mg/l	0.0100	2.50	0.0534	100	82.8-116	
Matrix Spike Dup (8100698-MSD1) Source: SA85667-01									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	2.48		mg/l	0.0150	2.50	BRL	99	82.1-112	0.4 20
Chromium	2.51		mg/l	0.0100	2.50	BRL	100	89-111	1 20
Arsenic	2.49		mg/l	0.0080	2.50	BRL	99	83.1-110	1 20
Cadmium	2.51		mg/l	0.0050	2.50	BRL	100	85.4-113	0.6 20
Barium	2.58		mg/l	0.0100	2.50	0.0534	101	82.8-116	1 20
Post Spike (8100698-PS1) Source: SA85667-01									
Prepared: 09-Oct-08 Analyzed: 10-Oct-08									
Lead	2.55		mg/l	0.0150	2.50	BRL	102	84.5-112	
Chromium	2.55		mg/l	0.0100	2.50	BRL	102	89.9-112	
Arsenic	2.56		mg/l	0.0080	2.50	BRL	102	84.5-111	
Cadmium	2.58		mg/l	0.0050	2.50	BRL	103	87.9-112	
Barium	2.64		mg/l	0.0100	2.50	0.0534	104	85.2-116	

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 8100700 - EPA200/SW7000 Series										
<u>Blank (8100700-BLK1)</u>										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020						
<u>LCS (8100700-BS1)</u>										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00452		mg/l	0.00020	0.00500		90	60-122		
<u>Duplicate (8100700-DUP1)</u> Source: SA85667-06										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020		BRL				20
<u>Matrix Spike (8100700-MS1)</u> Source: SA85667-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00484		mg/l	0.00020	0.00500	BRL	97	61.5-123		
<u>Matrix Spike Dup (8100700-MSD1)</u> Source: SA85667-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00436		mg/l	0.00020	0.00500	BRL	87	61.5-123	10	20
<u>Post Spike (8100700-PS1)</u> Source: SA85667-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	4.69		mg/l		5.00	0.0160	93	74.7-114		
Batch 8101060 - SW846 3010A										
<u>Blank (8101060-BLK1)</u>										
Prepared & Analyzed: 15-Oct-08										
Lead	BRL		mg/l	0.0150						
<u>LCS (8101060-BS1)</u>										
Prepared & Analyzed: 15-Oct-08										
Lead	2.49		mg/l	0.0150	2.50		100	84.7-114		
<u>LCS Dup (8101060-BSD1)</u>										
Prepared & Analyzed: 15-Oct-08										
Lead	2.49		mg/l	0.0150	2.50		100	84.7-114	0.2	20
<u>Duplicate (8101060-DUP1)</u> Source: SA85335-60										
Prepared & Analyzed: 15-Oct-08										
Lead	0.0064	J,QR8	mg/l	0.0150		0.0090			34	20
<u>Matrix Spike (8101060-MS1)</u> Source: SA85875-03										
Prepared & Analyzed: 15-Oct-08										
Lead	2.50		mg/l	0.0150	2.50	BRL	100	82.1-112		
<u>Matrix Spike Dup (8101060-MSD1)</u> Source: SA85875-03										
Prepared & Analyzed: 15-Oct-08										
Lead	2.35		mg/l	0.0150	2.50	BRL	94	82.1-112	6	20
<u>Post Spike (8101060-PS1)</u> Source: SA85875-03										
Prepared & Analyzed: 15-Oct-08										
Lead	2.41		mg/l	0.0150	2.50	BRL	96	84.5-112		

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

* Reportable Detection Limit

BRL = Below Reporting Limit

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100174 - General Preparation										
<u>Duplicate (8100174-DUP1)</u>	Source: SA85264-12									
Prepared & Analyzed: 02-Oct-08										
% Solids	94.9		%			94.9			0.02	20
Batch 8100179 - General Preparation										
<u>Duplicate (8100179-DUP1)</u>	Source: SA85335-26									
Prepared & Analyzed: 02-Oct-08										
% Solids	95.9		%			96.0			0.04	20
Batch 8100275 - General Preparation										
<u>Duplicate (8100275-DUP1)</u>	Source: SA85310-01									
Prepared & Analyzed: 03-Oct-08										
% Solids	74.6		%			76.4			2	20
Batch 8100276 - General Preparation										
<u>Duplicate (8100276-DUP1)</u>	Source: SA85335-13									
Prepared & Analyzed: 03-Oct-08										
% Solids	81.1		%			83.6			3	20
Batch 8100647 - General Preparation										
<u>Duplicate (8100647-DUP1)</u>	Source: SA85648-03									
Prepared & Analyzed: 08-Oct-08										
% Solids	66.4		%			66.0			0.6	20
Batch 8101104 - General Preparation										
<u>Duplicate (8101104-DUP1)</u>	Source: SA85335-41									
Prepared & Analyzed: 15-Oct-08										
% Solids	91.1		%			91.4			0.4	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

- QB1 The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
- QC1 Analyte out of acceptance range.
- QM2 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
- QM7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM8 The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery
- QR2 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QR5 RPD out of acceptance range.
- QR6 The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
- QR7 The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
- 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.
- 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.
- 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 and waste automobile oil
- Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
- Aviation Fuel - includes kerosene, Jet A and JP-4
- Other Oil - includes lubricating and cutting oil, and silicon oil

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja
Rebecca Merz



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

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: CT DOT Rt 4 Parsons- Farmington, CT	CT DOT Rt 4 Parsons- Farmington, CT/ 03-273-03E
This Form Provides certifications for the following data set: SA85335-01 SA85335-12 SA85335-23 SA85335-35 SA85335-03 SA85335-13 SA85335-24 SA85335-36 SA85335-04 SA85335-14 SA85335-26 SA85335-37 SA85335-05 SA85335-16 SA85335-27 SA85335-38 SA85335-06 SA85335-17 SA85335-28 SA85335-39 SA85335-07 SA85335-18 SA85335-29 SA85335-40 SA85335-08 SA85335-19 SA85335-30 SA85335-41 SA85335-09 SA85335-20 SA85335-31 SA85335-42 SA85335-10 SA85335-21 SA85335-33 SA85335-44 SA85335-11 SA85335-22 SA85335-34 SA85335-45	List Specific Analytical Methods Used: +CT ETPH SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 1312/8270C SW846 6010B SW846 7471A SW846 8082 SW846 8270C VOC Soil Extraction
Sample Matrices: Aqueous Soil/Sediment	

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

* The compounds and/or elements reported are as specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

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

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

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

Date: 10/16/2008

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

* Reportable Detection Limit BRL = Below Reporting Limit



SPECTRA ANALYTICAL, INC.
Farming
HARTFORD, CONNECTICUT

CHAIN OF CUSTODY RECORD

SF 95335

Page 1 of 6

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3 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

Invoice To: DTC

P.O. No.:

RON:

Project No.: 03-873-03E
Site Name: ConnDOT Rt 4 Farmington Parsons
Location: Farmington State: CT
Sampler(s): JIKapen/2

Project Mgr.: Chris Koelle

1= $\text{Na}_2\text{S}_2\text{O}_3$, 2= HCl , 3= H_2SO_4 , 4= HNO_3 , 5= NaOH , 6=Ascorbic Acid
7= CH_3OH , 8= NaHSO_4 , 9=DH2O, 10=

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses:	QA Reporting Notes: (check if needed)
9533501	B-201(033-2)	9/29/08	1000		SO		3	1			VOC (8260) ETPH Total Pb RCRA Metals PCBs (8082) PAHs Total As	4 State specific reporting standards: <u>RESDEC/GAPM</u>
	B-201(4-55)	↓	1015				3	1			X X	
	B-202(033-2)	9/30/08	0940				3	1			X X	
	B-202(4-5)	↓	0950				3	2			X X	
	B-203(0.5-1)	9/29/08	1130				3	2			X X	B-203(0.5-1.5)
	B-203(4.5-5)	↓	1140				3	1			X X	
	B-204(0.5-2.5)	9/29/08	1040				3	1			X X	
	B-204(4-6)	↓	1045				3	2			X X	
	B-205(0.1-2.5)	9/29/08	1105				3	1			X X	

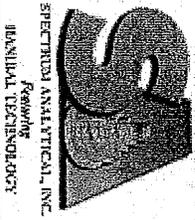
Fax results when available to ()

E-mail to chris.koelle@spectra.com

Condition upon receipt: Cool Ambient °C

Relinquished by: [Signature] Date: 10/08 Time: 9:30

Received by: Michael Stehman Date: 10-1-08 Time: 11:45



SPECTRAL ANALYTICAL, INC.
 REMEDIATION
 ANALYTICAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 6

SA 983335

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3 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

Invoice To: DTC
 P.O. No.: _____

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

Project Mgr.: Chris Koelle

P.O. No.: _____

RON: _____

QA Reporting Notes:
 (check if needed)

1=NaSS2O₃, 2=HCl, 3=H₂SO₄, 4=HNO₃, 5=NaOH, 6=Ascorbic Acid
 7=CH₃OH, 8=NaHSO₄, 9=DIH₂O, 10=_____
 DW=Drinking Water, GW=Groundwater, W/W=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	Analyses:	QA Reporting Notes: (check if needed)
05335-1	*B-205(4-6)	9/29/08	1115		SO		3	1			VOC (8260) ETPH RCRAB Metals PCBs (8082) PAHs (8270) Total Pb	<input type="checkbox"/> Provide MA DEP MCP CAM Report <input checked="" type="checkbox"/> Provide CT DEP MCP Report <input type="checkbox"/> QA/QC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No QC <input type="checkbox"/> Other <small>4 State specific reporting standards: <u>K&S DEP / Lab PM</u></small>
12	B-205(6-8)	↓	1120				3	2				* Please hold sample
13	B-206(05-25)	9/29/08	0945				3	2				
14	*B-206(4-6)	↓	0955				3	1				
15	*B-207(8-10)	9/29/08	0900				3	1				
16	B-207(10-12)	↓	0905				3	1				
17	B-207(12-14)	↓	0910				3	2				
18	B-207(14-15)	↓	0915				3	1				
19	B-208(06-25)	9/29/08	1300				3	1				
20	B-209(6.5-3)	9/30/08	0810				3	1				

Fax results when available to _____
 E-mail to CHRIS.KOELLE@SPECTRAL.COM
 EDD Format _____

Condition upon receipt: Lead Ambient °C
4/6

Relinquished by: _____
 Requested by: _____
Meredith Stankovic

Date: 10/08 Time: 9:00
10/08 11:45



SPECTRAL ANALYTICAL, INC.
ANALYTICAL
MAXIMIZE THE RESULTS

CHAIN OF CUSTODY RECORD

Page 3 of 6

S-A-983335

RM

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: Edw
- 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

Invoice To: DTC

Project No.: 03-933-03E

Site Name: Conn DOT Rt 4 Farmington - Parsons

Location: Farmington

State: CT

Sampler(s): J. Kappholz

Project Mgr: _____

P.O. No.: _____

RON: _____

QA Reporting Notes:
(check if needed)

1= $\text{Na}_2\text{S}_2\text{O}_3$ 2= HCl 3= H_2SO_4 4= HNO_3 5= NaOH 6=Ascorbic Acid
 7= CH_3OH 8= NaHSO_4 9=Diluted 10=_____
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sediment A=Air
 X1=____ X2=____ X3=____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers:				Analyses:				QA Reporting Notes:		
							# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (B260)	ETPH	RCRAB Metals	PCBs (B082)	PAHs (B270)	Total Pb	
98335-21	B-209 (4-4-5)	9/30/08	0820		SO		3	1			X	X				X	* Please hold Sample
22	B-210 (0.33-1.5)	9/29/08	1445				3	1			X	X				X	
23	B-210 (0.25-2)	9/29/08	1430				3	1			X	X				X	
24	B-211 (4-6.5)		1450				3	1			X	X					
25	*B-212 (0.33-1.5)	9/29/08	1330				3	1			X						
26	B-212 (4-5)		1335				3	1			X						
27	B-212 (8-9.5)		1340				3	1			X	X				X	
28	B-213 (1-2)	9/29/08	1355				3	1			X	X				X	
29	*B-213 (4-6)		1400				3	1			X						
30	B-213 (8-10.5)		1405				3	1			X	X				X	

Relinquished by: _____

Accepted by: _____

Date: _____

Time: _____

Fax results when available to _____
 E-mail to Chris.Keel@tracdatc.com

EDD Format: _____

Condition upon receipt: Focul Ambient °C

Michael Stankov

10-1-08

11:05



SPECTRUM ANALYTICAL, INC.
FARMINGTON
HARTFORD, CONNECTICUT 06105

CHAIN OF CUSTODY RECORD

Page 4 of 6

SAR 85335

SA

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3/24/08
- All TAT's 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

Invoice To: DTC

Project No.: 03-233-03E

Site Name: ConnDOT Rt 4 Farmington - Persson

Location: Farmington State: CT

Sampler(s): J. Knapke

Project Mgr.: Chris Koelle

P.O. No.:

RQN:

QA Reporting Notes:
(check if checked)

- Provide MA DEP MCF CAM Report
- Provide CT DEP RCP Report
- QA/QC Reporting Level
- Standard
- No QC
- Other

4 State specific reporting standards:
MS/DE/CA/TM

1= $\text{Na}_2\text{S}_2\text{O}_3$, 2= HCl , 3= H_2SO_4 , 4= HNO_3 , 5= NaOH , 6=Ascorbic Acid
 7= CH_3OH , 8= NaHSO_4 , 9= H_2O , 10= H_2O
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1= H_2O X2= H_2O X3= H_2O

Containers:
 # of VOA Vials
 # of Amber Glass
 # of Clear Glass
 # of Plastic

Analyses:
 VOC (8260)
 ETPH
 PCRB Methods
 PCBs (8082)
 PAHs (8270)
 Total Pb

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	#	VOC (8260)	ETPH	PCRB Methods	PCBs (8082)	PAHs (8270)	Total Pb	QA Reporting Notes: (check if checked)
85335-31	B-214(0225)	9/30/08	1100		SD		3	1				X	X				X	
	B-214(4-4.5)		1105				3	1				X	X				X	
33	B-215(033-1)	9/30/08	1120				3	1				X	X				X	
34	B-215(4-6)		1125				3	1				X	X				X	
35	B-216(033-2)	9/30/08	0855				3	2				X	X				X	
36	B-216(4-6)						3	1				X	X				X	
37	B-217(033-15)	9/30/08	1235				3	2				X	X				X	
38	B-217(4-6)		1246				3	2				X	X				X	
39	B-217(8-9)		1245				3	1				X	X				X	
40	B-218(033-2)	9/30/08	1330				3	1				X	X				X	

Condition upon receipt: Iced Ambient °C

Relinquished by: [Signature] Date: 10/08 Time: 9:50

Received by: [Signature] Date: 10-1-08 Time: 11:45

Re-mail to: Chris.Koelle@strandct.com

ADD Formel: Molecular Services



SPECTRUM ANALYTICAL, INC.
FARMINGHAM
ANALYTICAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 6

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3/24/08
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DTL
556 Washington Ave
North Haven CT 06473

Invoice To: DTL

Project No.: 03-273-03E

Project Mgr: _____

P.O. No.: _____

RON: _____

Site Name: AnnDOT Rt. 4 Farmington -Passon
 Location: Farmingham State: CT
 Sampler(s): J. Klaproth

QA Reporting Notes:

- Provide MA DEP MCP CAN Report
- Provide CT DEP RCP Report
- OADR Reporting Level
- Standard
- No QC
- Other _____

G=Grab C=Composite

1= $\text{Na}_2\text{S}_2\text{O}_8$, 2= HCl , 3= H_2SO_4 , 4= HNO_3 , 5= NaOH , 6=Ascorbic Acid
 7= CH_3OH , 8= NaHSO_4 , 9=_____, 10=_____
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1=_____, X2=_____, X3=_____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses:	QA Reporting Notes:
85335-41	*B-218(4-5)	9/30/08	1310		So		3	1			UDC (8260) ETPH RURABMetals PCBs (8082) PAHs (8270) Total Pb	State specific reporting standards: Res Det/CA PM
42	B-218(89.5)		1315				3	1				
43	*B-218(12-14.5)		1320				3	1				
44	B-219(0-1)	9/30/08	1415				3	1				
45	B-219(4-4.5)		1420				3	1				
46	B-220(0.5-2)	9/30/08	1345				3	2				
47	B-220(4-6.25)		1350				3	2				
48	*B-220(8-10)		1355				3	1				
49	B-221(0.5-2)	9/30/08	0830				3	1				
50	NM-101(0.25-2.25)	9/30/08	1030				3	1				

Requisitioned by: _____

Received by: _____

Date: _____

Time: _____

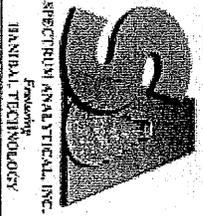
Fax results when available to (_____) _____
 E-mail to Chris.Koehler@teanute.com
 EDD Format: _____
 Condition upon receipt: Good Ambient °C

110

Michael Baker

10/10/08 9:30

10-1-08 11:45



CHAIN OF CUSTODY RECORD

Page 6 of 6

SA 95335 / Ev

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3/24/08
 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

Invoice To: DTC

Project No.: 03-273-03E

Project Mgr: Chris Koebel

P.O. No.:

RON:

Project Name: Conn DOT Rt 4 Farmington - Parsons

Location: Farmington

State: CT

1= $\text{Na}_2\text{S}_2\text{O}_8$ 2= HCl 3= H_2SO_4 4= HNO_3 5= NaOH 6=Ascorbic Acid
 7= CH_3OH 8= NaHSO_4 9=10=

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

G=Grab C=Composite

Containers:

Analyses:

QA Reporting Notes:
(check if needed)

Payable MA DEP MCR CAM Report
 Payable CT DEP RCP Report
 QA/QC Reporting Level
 Delisted No QC
 Other
 State specific reporting standards:

Lab Id.	Sample Id.	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOC (8260)	BTPH	PCRB Metals	PCB (8082)	PAH (8270)	Total Pb	QA Reporting Notes: (check if needed)	
95335-51	MW-101(9-5)	9/30/08	1025		SD		3	1			X	X				X		4 Press hold Sample
52	MW-102(025-23)	9/29/08	1515				3	2			X	X				X		
53	MW-102(4-5)		1520				3	1			X	X				X		
54	MW-103(033-2)	9/29/08	1310				3	1			X	X				X		
55	MW-103(4-6)		1215				3	1			X	X				X		
56	MW-103(6-7.5)		1320				3	1			X	X				X		
57	MW-104(055-3)	9/30/08	1415				3	1			X	X				X		
58	MW-104(4-5)		1150				3	1			X	X				X		
59	Duplicate-1						3	1			X	X				X		
60	Duplicate-2						3	1			X	X				X		
61	Tip Blank	9/29/08					3	1			X	X				X		

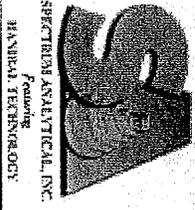
Retrieved by: [Signature]

Received by: [Signature]

Condition upon receipt: Iced Ambient °C

Signature: Michael Palmer

Date: 10/08 Time: 11:05



CHAIN OF CUSTODY RECORD

Page 1 of 10

SA-98335

Ken

or

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3 day
- All TAT's 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

Invoice To: DTC

Project No.: 03-233-03 E
 Site Name: Conn DOT Rt 4 Farmington Parsons
 Location: Farmington State: CT
 Sampler(s): J Klappholz

Project Mgr: Chris Koelle

P.O. No.: _____ RQN: _____

Containers:

Analyses:

QA Reporting Notes:
(check if needed)

- 1=Na₂SO₄, 2=HCl, 3=H₂SO₄, 4=HNO₃, 5=NaOH, 6=Ascorbic Acid
- 7=CH₃OH, 8=NaHSO₄, 9=Dil H₂O, 10=
- DW=Drinking Water, GW=Groundwater, WW=Wastewater
- O=Oil, SW=Surface Water, SO=Soil, SL=Sludge, A=Air
- X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses:	QA Reporting Notes:
9833501	B-201(4-3-3)	9/29/08	1000	SO	SO		3	1			VOC (8260) ETPH Total Pb RCRAB Metals PCBs (8082) PAHs Total As	<input type="checkbox"/> Provide MA DEP MCP CAM Report <input checked="" type="checkbox"/> Provide CT DEP RCP Report <input type="checkbox"/> OAJOC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No QC <input type="checkbox"/> Other _____ Some specific reporting standards: <u>RUSDEC/GAPWC</u>
02	B-201(4-5.5)	↓	1015				3	1			X X	
03	B-202(4-3-2)	9/30/08	0940				3	1			X X	
04	B-202(4-5)	↓	0950				3	2			X X	
05	B-203(0.5-1.5)	9/29/08	1130				3	2			X X	
06	B-203(4-5.5)	↓	1140				3	1			X X	
07	B-204(0.5-2.5)	9/29/08	1040				3	1			X X	
08	B-204(4-6)	↓	1045				3	2			X X	
09	B-205(0.5-1.5)	9/29/08	1105				3	1			X X	

Relinquished by:

Received by:

Date:

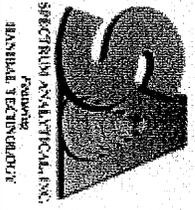
Time:

Fax results when available to (_____)
 E-mail to Chris Koelle Steam@ct.com
 EDD Form # _____
 Condition upon receipt: Good Ambient °C

[Signature]

[Signature]

Date: 10/08 Time: 9:30
 Date: 10-1-08 Time: 11:45



CHAIN OF CUSTODY RECORD

Page 2 of 6

SA 98333 S *EM*

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3 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: DK
5526 Washington Ave
North Haven, CT 06473

Invoice To: DK
 P.O. No.: _____

Project No.: 03-273-03E
 Site Name: HamDOT Rt 4 Farmington - Parsons
 Location: Farmington State: CT

Project Mgr: Chris Koelle

RON: _____

Sampler(s): T. Klappholz

1=Na₂S₂O₃, 2=HCl, 3=H₂SO₄, 4=HNO₃, 5=NaOH, 6=Ascorbic Acid
 7=CH₃OH, 8=NaHSO₄, 9=DIK₂D, 10=

Containers:

Analyses:

QA Reporting Notes:
 (check if needed)
 Provide MA DEP MCP CAM Report
 Provide CT DEP RCP Report
 QA/QC Reporting Level
 Standard No-QC
 Other _____

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	Analyses:	QA Reporting Notes:
98333-1	*B-205(4-6)	9/29/08	1115		SD		3	1			VOC (8200) ETPH RCRABMetals PCBs (8082) PAHs (8270) Total Pb SPLEPb, As, B, Cr SPLEP Cr	<input type="checkbox"/> Provide MA DEP MCP CAM Report <input type="checkbox"/> Provide CT DEP RCP Report <input type="checkbox"/> QA/QC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No-QC <input type="checkbox"/> Other _____ Site specific reporting standards: KSP/DEP/PC
12	B-205(6-B)		1120				3	2				* Please hold sample
13	B-206(05-25)	9/29/08	0945				3	2				
14	*B-204(4-6)		0955				3	1				
15	*B-207(B-10)	9/29/08	0900				3	1				
16	B-207(10-12)		0905				3	1				ADDED 10/7/08
17	B-207(12-14)		0910				3	2				ANALYSIS
18	B-207(14-15)		0915				3	1				see attached
19	B-208(06-25)	9/29/08	1300				3	1				
20	B-209(05-3)	9/30/08	0810				3	1				

Fax results when available to _____
 E-mail to chris.koelle@tearadtc.com
 EDD Format _____
 Condition upon receipt: Lead Ambient °C

Relinquished by: _____
 Date: _____

Accepted by: _____
 Date: _____

Date: 10/08 Time: 9:20
Michael Stubbins
10/08 11:45



SPECTRUM ANALYTICAL, INC.
ANALYTICAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 3 of 6

SA 88335

EM

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3/24/08
All TAT's subject to laboratory approval.
Min. 24-hour notification needed for rushes.
Samples disposed of after 60 days unless otherwise instructed.

Report To: DTC
536 Washington Ave
North Haven, CT 06473

Invoice To: DTC

Project No.: 03-233-03E

Project Mgr.: _____
P.O. No.: _____
RON: _____

Site Name: Corn DOT At 4 Farmington - Parsons
Location: Farmington State: CT
Sampler(s): J. Kappholz

1=Na2S2O5 2=HCl 3=H2SO4 4=HNO3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=NaHSO4 9=D11H2O 10= _____
DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses:	QA Reporting Notes: (check if needed)
98335-21	B-2A(4-4.5)	9/20/08	0820	SD	SD		3	1				VOC(B260) ETPH RCRABMetals PCBs(B082) PAHs(B270) Total Pb	<input type="checkbox"/> Provide MA DEP MCP CAM Report <input type="checkbox"/> Provide CT DEP RCP Report <input checked="" type="checkbox"/> O&G Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No QC <input type="checkbox"/> Other _____ State specific reporting standards: <u>ESDEL/CAMIC</u>
22	B-21A(0.33-1.5)	9/29/08	1445				3	1					<input checked="" type="checkbox"/> Please hold Sample
23	B-21A(0.25-2)	9/29/08	1430				3	1					
24	B-21A(4-6.5)		1440				3	1					
25	B-21A(0.33-1.5)	9/29/08	1330				3	1					
26	B-21A(4-5)		1335				3	1					
27	B-21A(8-9.5)		1340				3	1					
28	B-213(1-2)	9/29/08	1355				3	1					
29	B-213(4-6)		1400				3	1					
30	B-213(8-10.5)		1405				3	1					

Relinquished by: _____

Received by: _____

Date: _____ Time: _____

Fax results when available to ()
 E-mail to Chris Koelle ckoelle@spectrum.com
EDED Format _____
Condition upon receipt: Field Ambient °C

Chris Koelle
Michael Jackson
Date: 10-1-08 Time: 11:45



ANALYTICAL
LABORATORY
SPECTRUM ANALYTICAL, INC.
FARMINGHAM
MASSACHUSETTS

CHAIN OF CUSTODY RECORD

SA85335

Page 4 of 6

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3/24/11
- 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

Invoice To: DTC

Project No.: 03-273-03E

Project Mgr.: Chris Koelle

P.O. No.: _____

Site Name: ConnDOT Rt. 4 Farmington - Parsons

1= $\text{Na}_2\text{S}_2\text{O}_3$, 2= HCl , 3= H_2SO_4 , 4= HNO_3 , 5= NaOH , 6= Ascorbic Acid
 7= CH_3OH , 8= NaHSO_4 , 9= H_2O

Containers:

Analyses:

QA Reporting Notes:
(check if needed)

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

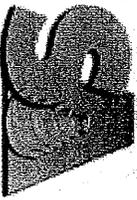
G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	# SPLP PAH	VOC (B260)	ETPH	RCRA Metals	PCBs (8082)	PAHs (B270)	Total Pb	SPLP Pb	SPLP Cd	QA Reporting Notes: (check if needed)	
B533531	B-214(03-25)	9/30/08	1100		SD		3	1				X	X				X				State specific reporting standards: 03/DEC/GA/MC
32	B-214(4-4.5)	↓	1105				3	1				X	X				X				* Please hold sample
33	B-215(033-1)	9/30/08	1100				3	1				X	X				X				
34	B-215(4-6)	↓	1125				3	1				X	X				X				
35	B-216(033-2)	9/30/08	0855				3	2				X	X				X				
36	B-216(4-6)	↓	0855				3	1				X	X				X				
37	B-217(033-1.5)	9/30/08	1235				3	2				X	X				X				
38	B-217(4-6)	↓	1246				3	2				X	X				X				
39	B-217(8-9)	↓	1245				3	1				X	X				X				
40	B-218(033-2)	9/30/08	1330				3	1				X	X				X				

Requisitioned by: _____ Requested by: _____
 Date: _____ Time: _____

Condition upon receipt: Iced Ambient °C

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



SPECTRUM ANALYTICAL, INC.
LABORATORY

CHAIN OF CUSTODY RECORD

Page 5 of 6

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Dried Needed: 3 day
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: DIC

556 Washington Ave
North Haven CT 06473

Invoice for: DIC

Project Mgr: _____

P.O. No.: _____

RON: _____

Project No.: 03-AT3-03E

Site Name: AnnDOT Rt. 4 Farmington - Reason

Location: Farmington State: CT

Samples(s): J. Klappholz

1= Na_2SO_3 2= HCl 3= H_2SO_4 4= HNO_3 5= NaOH 6= Ascorbic Acid
7= CH_3OH 8= NaHSO_4 9= _____ 10= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SI=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	Analyses:	QA Reporting Notes: (check if needed)
88335-41	B-218(4-5)	9/30/08	1310		So		3	1			UDC (8240) E TPH RCRAMbtl PCBs (8082) PAHs (8270) Total Pb SPLPPb	QA Reporting Notes: <input type="checkbox"/> Provide MA DEP ACR CAM Report <input checked="" type="checkbox"/> Provide CT DEP RCP Report QA/QC Reporting Level <input type="checkbox"/> Unattended <input type="checkbox"/> No QC <input type="checkbox"/> Other _____ State specific reporting standards: <u>As DEP/CAPAC</u>
V2	B-218(895)	↓	1315				3	1				* Please hold samples
Y3	B-218(12-115)	↓	1320				3	1				
Y4	B-219(0-1)	9/30/08	1415				3	1				
Y5	B-219(445)	↓	1420				3	1				
Y6	B-220(0.5-2)	9/30/08	1345				3	2				
Y7	B-220(4-625)	↓	1350				3	2				
Y8	B-220(8-10)	↓	1355				3	1				
Y9	B-221(0.5-2)	9/30/08	0830				3	1				
SO	NM-101(0.25-225)	9/30/08	1030				3	1				

Relinquished by: _____

Received by: _____

Date: _____

Time: _____

Fax results when available to _____

E-mail to: Chas. Keckler@trawate.com

EDD Format: _____

Condition upon receipt: Cool Ambient Ice



SPECTRUM ANALYTICAL, INC.
Framingham
HAMBURG TECHNOLOGY

CHAIN OF CUSTODY RECORD

SA98335 / EV

Page 6 of 6

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3 day
- 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

Invoice To: DTC

Project No.: 03-273-03E

Site Name: Down DDT R44 Farmington - Parsons

Project Mgr.: Chris Koelle

P.O. No.: _____ RQN: _____

Location: Farmington State: CT

Sampler(s): S. Elapholz

1=Na₂S₂O₈ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
 7=CH₃OH 8=NaHSO₄ 9=_____
 10=_____
 DW=Drinking Water GW=Groundwater W-W=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1=_____
 X2=_____
 X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers:				Analyses:					QA Reporting Notes:			
							# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic						(check if needed)			
8335-51	MW-101(4-5)	9/30/08	1025	SD			3	1			X	X	X	X	X	X	X		
52	MW-102(025-2.5)	9/29/08	1515				3	2			X	X	X	X	X	X	X		
53	MW-102(4-5)		1520				3	2			X	X	X	X	X	X	X		
54	MW-103(033-3)	9/29/08	1910				3	1			X	X	X	X	X	X	X		
55	MW-103(4-6)		1315				3	1			X	X	X	X	X	X	X		
56	MW-103(6-7.5)		1320				3	1			X	X	X	X	X	X	X		
57	MW-104(045-3)	9/30/08	1445				3	1			X	X	X	X	X	X	X		
58	MW-104(4-5)		1150				3	1			X	X	X	X	X	X	X		
59	Duplicate-1						3	1			X	X	X	X	X	X	X		
60	Duplicate-2						3	1			X	X	X	X	X	X	X		
61	Trip Blank	9/29+30/08																	

EDD Format: _____
 Condition upon receipt: Cool Ambient °C
 E-mail to: _____
 I can results when available to: _____

Relinquished by: _____
 Accepted by: _____
 Date: _____

QA Reporting Notes:
 Provide MA DEP MCP CAN Report
 Provide CT DEP RCP Report
 QA/RP Reporting Level:
 Standard No QC
 Other _____
 Same specific reporting standards:

QA Reporting Notes:
 (check if needed)
 Provide MA DEP MCP CAN Report
 Provide CT DEP RCP Report
 QA/RP Reporting Level:
 Standard No QC
 Other _____
 Same specific reporting standards:



SPECTRUM ANALYTICAL, INC.
Framingham
MASSACHUSETTS

CHAIN OF CUSTODY RECORD

Page 4 of 6

SA 85335

RM

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 3/24/08
 All TAT's 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

Invoice To: DTC

Project No.: 03-273-03E

Project Mgr.: Chris Koelle

P.O. No.:

Site Name: ConnDOT Rt.4 Farmington - Passen

1= $\text{Na}_2\text{S}_2\text{O}_3$, 2= HCl , 3= H_2SO_4 , 4= HNO_3 , 5= NaOH , 6= Ascorbic Acid
 7= CH_3OH , 8= NaHSO_4 , 9= H_2O , 10= H_2O

RQN:

Location: Farmington State: CT

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

Containers:

Analyses:

QA Reporting Notes:
(check if needed)
 Provide MA DEP MCP CMA Report
 Provide CT DEP RCP Report
 OADR Reporting Level
 Standard No OC
 Other

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	# SPLP PAH	VOC (8260)	ETPH	RCRA Metals	PCBs (8082)	PAHs (8270)	Total Pb	SPLP Pb	SPLP Cd	QA Reporting Notes: (check if needed)
85335-31	B-214(8-2-5)	9/30/08	1100		SD		3	1			X	X					X			
32	B-214(4-4-5)		1105				3	1												
33	B-215(0.33-1)	9/30/08	1100				3	1			X	X					X			
34	B-215(4-6)		1125				3	1			X	X					X			
35	B-216(0.33-2)	9/30/08	0855				3	2			X	X					X			
36	B-216(4-6)		0900				3	1			X	X					X			
32	B-217(0.33-1.5)	9/30/08	1235				3	2			X	X					X			
38	B-217(4-6)		1246				3	2			X	X					X			
39	B-217(8-9)		1245				3	1			X	X					X			
40	B-218(0.33-2)	9/30/08	1330				3	1			X	X					X			

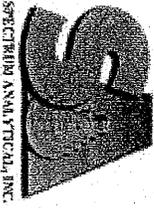
Relinquished by: [Signature] Date: 10/14/08 Time: 9:20

Received by: Michael [Signature] Date: 10-08 Time: 11:45

Condition upon receipt: Fed Ambient °C

EDD Format

E-mail to Chris Koelle@seaudta.com



SPECTRUM ANALYTICAL, INC.
FARMINGTON
MINERAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 of 6

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: 3/24/08
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

SA98335

GM

Report To: DTC
556 Washington Ave
North Haven CT 06473

Invoice To: DTC

Project No.: 03-275-03E

Project Mgr.: _____

P.O. No.: _____

Site Name: Ann Dor Rt. 4 Farmington - Passon

Location: Farmington State: CT

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9=_____ 10=_____

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

G=Grab C=Composite

Containers:

Analyses:

QA Reporting Notes:
(check if needed)

- Positive MA DEP MCP CAN Report
- Provide CT DEP MCP Report
- QA/QC Reporting Level: Unskilled No QC
- Other: _____
- State specific reporting standards:
By DE/CA/PA/NC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses:	QA Reporting Notes:
98335-41	B-218(4-5)	9/30/08	1310		SO		3	1			UDC (8260) ETPH RURABMetals ZnBs (8082) PbAs (8270) Total Pb SPLPP6	* Please hold sample
42	B-218(89.5)		1315				3	1				
43	B-218(12-11.5)		1320				3	1				
44	B-219(0-1)	9/30/08	1415				3	1				
45	B-219(4-1.5)		1420				3	1				
46	B-220(0.5-2)	9/30/08	1345				3	2				
47	B-220(4-6.25)		1350				3	2				
48	B-220(8-10)		1355				3	1				
49	B-221(0.5-2)	9/30/08	0830				3	1				
50	MM-10(0.25-2.5)	9/30/08	1030				3	1				

Relinquished by: _____

Received by: _____

Date: _____ Time: _____

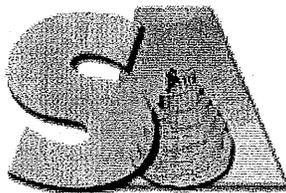
Fax results when available to ()
E-mail to Chans.Koelle@spectra.com
EDD Format _____
Condition upon receipt: Cool Ambient °C

11 Almgren Drive • Farmington, Massachusetts 01401 • 413-789-9088 • Fax 413-789-4076 • www.spectrum-analytical.com

APPENDIX E

Groundwater Analytical Laboratory Report

Report Date:
10-Oct-08 15:37



- 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: Parsons - Farmington, CT
Project 03-273-03E

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA85654-01	B-207 (0.5-2.5')	Soil	29-Sep-08 09:10	07-Oct-08 14:15
SA85654-02	B-210 (4-5.5')	Soil	29-Sep-08 14:30	07-Oct-08 14:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.

Please note that this report contains 6 pages of analytical data plus Chain of Custody document(s).

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393



Authorized by:

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

Technical Reviewer's Initial:

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

CASE NARRATIVE:

The samples were received 10.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples. Temperatures exceeding the +/- 2.0 degrees Celsius may affect sample results as stated in each specific method; samples collected for air analysis should be collected and submitted at ambient temperature.

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

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

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

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.

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

Sample Identification**B-207 (0.5-2.5')**

SA85654-01

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 09:10

Received

07-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.5	1	+CT ETPH	09-Oct-08	10-Oct-08	8100710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.5	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	83			50-150 %		"	"	"	"	
-----------	--------------------	----	--	--	----------	--	---	---	---	---	--

General Chemistry Parameters

% Solids	79.3		%			1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100647	
----------	------	--	---	--	--	---	---------------	-----------	-----------	---------	--

Sample Identification**B-210 (4-5.5')**

SA85654-02

Client Project #

03-273-03E

Matrix

Soil

Collection Date/Time

29-Sep-08 14:30

Received

07-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.7	1	+CT ETPH	09-Oct-08	10-Oct-08	8100710	
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	35.5		mg/kg dry	27.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	27.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	35.5		mg/kg dry	27.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	35.5		mg/kg dry	27.7	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	78			50-150 %		"	"	"	"	
-----------	--------------------	----	--	--	----------	--	---	---	---	---	--

General Chemistry Parameters

% Solids	95.8		%			1	SM2540 G Mod.	08-Oct-08	08-Oct-08	8100647	
----------	------	--	---	--	--	---	---------------	-----------	-----------	---------	--

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Page 3 of 6

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100710 - SW846 3550B										
Blank (8100710-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	2.81		mg/kg wet		3.33		84	50-150		

LCS (8100710-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
C9-C36 Aliphatic Hydrocarbons	75.5		mg/kg wet	13.3	93.3		81	60-120		
Surrogate: 1-Chlorooctadecane	2.44		mg/kg wet		3.33		73	50-150		

Duplicate (8100710-DUP1) Source: SA85654-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Gasoline	BRL		mg/kg dry	33.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	33.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	33.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	33.5		BRL				50
Motor Oil	BRL		mg/kg dry	33.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	33.5		BRL				50
Unidentified	BRL		mg/kg dry	33.5		BRL				50
Other Oil	BRL		mg/kg dry	33.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.5		BRL				50
Surrogate: 1-Chlorooctadecane	3.48		mg/kg dry		4.20		83	50-150		

Matrix Spike (8100710-MS1) Source: SA85654-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
C9-C36 Aliphatic Hydrocarbons	92.5		mg/kg dry	16.5	116	BRL	80	50-150		
Surrogate: 1-Chlorooctadecane	2.81		mg/kg dry		4.14		68	50-150		

Matrix Spike Dup (8100710-MSD1) Source: SA85654-01										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
C9-C36 Aliphatic Hydrocarbons	83.0		mg/kg dry	16.3	114	BRL	73	50-150	9	30
Surrogate: 1-Chlorooctadecane	2.52		mg/kg dry		4.08		62	50-150		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100647 - General Preparation										
Duplicate (8100647-DUP1) Source: SA85648-03										
Prepared & Analyzed: 08-Oct-08										
% Solids	66.4		%			66.0			0.6	20

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

* Reportable Detection Limit

BRL = Below Reporting Limit

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Rebecca Merz

**Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form**

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

Client: Diversified Technology Consultants

Project Location: Parsons - Farmington, CT

Project Number: 03-273-03E

Sampling Date(s):

29-Sep-08

Laboratory Sample ID(s):

SA85654-01 through SA85654-02

RCP Methods Used: +CT ETPH

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	<i>VPH and EPH methods only:</i> Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * <i>* These methods have not yet been approved for release by CT DEP</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? <i>* Exceptions are defined by qualifiers</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

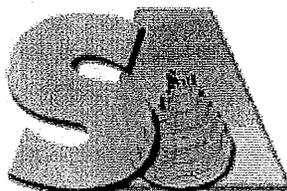
I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.



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

Date: 10/10/2008

Report Date:
10-Oct-08 17:32



- 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: Parsons - Farmington, CT
Project 03-273-03E

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA85709-01	MW-103	Ground Water	06-Oct-08 12:30	07-Oct-08 14:19
SA85709-02	MW-104	Ground Water	06-Oct-08 16:00	07-Oct-08 14:19
SA85709-03	Duplicate	Ground Water	06-Oct-08 00:00	07-Oct-08 14:19
SA85709-04	Trip Blank	Aqueous	06-Oct-08 00:00	07-Oct-08 14:19
SA85709-05	Field Blank	Aqueous	06-Oct-08 16:30	07-Oct-08 14:19

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.

Please note that this report contains 35 pages of analytical data plus Chain of Custody document(s).

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

- Massachusetts # M-MA138/MA1110
- Connecticut # PH-0777
- Florida # E87600/E87936
- Maine # MA138
- New Hampshire # 2538
- New Jersey # MA011/MA012
- New York # 11393/11840
- Pennsylvania # 68-04426/68-02924
- Rhode Island # 98
- USDA # S-51435
- Vermont # VT-11393



Authorized by:

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

Technical Reviewer's Initial:

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

CASE NARRATIVE:

The samples were received 7.4 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 Dibromooctafluorobiphenyl 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.

SW 846 8260B

Laboratory Control Samples:

8100735-BS1

LCS/LCSD were analyzed in place of MS/MSD.

8100735-BSD1

LCS/LCSD were analyzed in place of MS/MSD.

8100843-BS1

Analyte out of acceptance range.

Styrene

SW846 6010B

Duplicates:

8100825-DUP1 *Source: SA85709-01*

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.

Cadmium

Sample Identification
MW-103
 SA85709-01

Client Project #
 03-273-03E

Matrix
 Ground Water

Collection Date/Time
 06-Oct-08 12:30

Received
 07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon BRL 113)			µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationMW-103
SA85709-01Client Project #

03-273-03E

Matrix

Ground Water

Collection Date/Time

06-Oct-08 12:30

Received

07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
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Volatile Organic CompoundsVolatile Organic Compounds

Prepared by method SW846 5030 Water MS

100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	2.7		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	96			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	102			70-130 %		"	"	"	"	

Semivolatile Organic Compounds by GCPolychlorinated Biphenyls by SW846 8082

Prepared by method SW846 3510C

12674-11-2	PCB 1016	BRL		µg/l	0.220	1	SW846 8082	09-Oct-08	10-Oct-08	8100746	X
11104-28-2	PCB 1221	BRL		µg/l	0.220	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.220	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.220	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.220	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.220	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.220	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.220	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.220	1	"	"	"	"	X

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	63			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	64			30-150 %		"	"	"	"	

Extractable Petroleum Hydrocarbons

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

MW-103
SA85709-01

Client Project #
03-273-03E

Matrix
Ground Water

Collection Date/Time
06-Oct-08 12:30

Received
07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	

Surrogate recoveries:

3386-33-2	1-Chlorooctadecane	77			50-150 %		"	"	"	"	
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Total Metals by EPA 6000/7000 Series Methods

7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	09-Oct-08	09-Oct-08	8100759	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.408		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X

Total Metals by EPA 200 Series Methods

7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	09-Oct-08	10-Oct-08	8100760	X
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Soluble Metals by EPA 200/6000 Series Methods

Filtration	Field Filtered			N/A		1	EPA 200.7/3005A	10-Oct-08	10-Oct-08	8100824	
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Soluble Metals by EPA 6000/7000 Series Methods

7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	10-Oct-08	10-Oct-08	8100825	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.467		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X

Soluble Metals by EPA 200 Series Methods

7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	10-Oct-08	10-Oct-08	8100826	X
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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
MW-104
 SA85709-02

Client Project #
 03-273-03E

Matrix
 Ground Water

Collection Date/Time
 06-Oct-08 16:00

Received
 07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon BRL 113)			µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationMW-104
SA85709-02Client Project #
03-273-03EMatrix
Ground WaterCollection Date/Time
06-Oct-08 16:00Received
07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	

Surrogate recoveries:

460-00-4	4-Bromofluorobenzene	103		70-130 %	"	"	"	"	"	"	
2037-26-5	Toluene-d8	100		70-130 %	"	"	"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	96		70-130 %	"	"	"	"	"	"	
1868-53-7	Dibromofluoromethane	103		70-130 %	"	"	"	"	"	"	

Semivolatile Organic Compounds by GCPolychlorinated Biphenyls by SW846 8082

Prepared by method SW846 3510C

12674-11-2	PCB 1016	BRL		µg/l	0.230	1	SW846 8082	09-Oct-08	10-Oct-08	8100746	X
11104-28-2	PCB 1221	BRL		µg/l	0.230	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.230	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.230	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.230	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.230	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.230	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.230	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.230	1	"	"	"	"	X

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	65		30-150 %	"	"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	64		30-150 %	"	"	"	"	"	"	

Extractable Petroleum Hydrocarbons*This laboratory report is not valid without an authorized signature on the cover page.*

* Reportable Detection Limit

BRL = Below Reporting Limit

Page 7 of 35

Sample Identification
MW-104
 SA85709-02

Client Project #
 03-273-03E

Matrix
 Ground Water

Collection Date/Time
 06-Oct-08 16:00

Received
 07-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	80			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	09-Oct-08	09-Oct-08	8100759	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.228		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	09-Oct-08	10-Oct-08	8100760	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	10-Oct-08	10-Oct-08	8100824	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	10-Oct-08	10-Oct-08	8100825	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.254		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	10-Oct-08	10-Oct-08	8100826	X

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 Duplicate
 SA85709-03

Client Project #
 03-273-03E

Matrix
 Ground Water

Collection Date/Time
 06-Oct-08 00:00

Received
 07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationDuplicate
SA85709-03Client Project #
03-273-03EMatrix
Ground WaterCollection Date/Time
06-Oct-08 00:00Received
07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	10-Oct-08	10-Oct-08	8100843	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	2.9		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	104			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	101			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	96			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	102			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.238	1	SW846 8082	09-Oct-08	10-Oct-08	8100746	X
11104-28-2	PCB 1221	BRL		µg/l	0.238	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.238	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.238	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.238	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.238	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.238	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.238	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.238	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	64			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	70			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											

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* Reportable Detection Limit

BRL = Below Reporting Limit

Page 10 of 35

Sample Identification**Duplicate**

SA85709-03

Client Project #

03-273-03E

Matrix

Ground Water

Collection Date/Time

06-Oct-08 00:00

Received

07-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	1-Chlorooctadecane	64			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	09-Oct-08	09-Oct-08	8100759	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.382		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	09-Oct-08	10-Oct-08	8100760	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	10-Oct-08	10-Oct-08	8100824	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	10-Oct-08	10-Oct-08	8100825	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.461		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	10-Oct-08	10-Oct-08	8100826	X

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Trip Blank

SA85709-04

Client Project #

03-273-03E

Matrix

Aqueous

Collection Date/Time

06-Oct-08 00:00

Received

07-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
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	09-Oct-08	09-Oct-08	8100735	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Trip Blank
SA85709-04

Client Project #
03-273-03E

Matrix
Aqueous

Collection Date/Time
06-Oct-08 00:00

Received
07-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	09-Oct-08	09-Oct-08	8100735	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	105			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	110			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	101			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	102			70-130 %		"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Field Blank

SA85709-05

Client Project #

03-273-03E

Matrix

Aqueous

Collection Date/Time

06-Oct-08 16:30

Received

07-Oct-08

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Cert.</u>
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon113)	BRL		µg/l	1.0	1	SW 846 8260B	09-Oct-08	09-Oct-08	8100735	
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Field Blank

SA85709-05

Client Project #

03-273-03E

Matrix

Aqueous

Collection Date/Time

06-Oct-08 16:30

Received

07-Oct-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
<u>Volatile Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	09-Oct-08	09-Oct-08	8100735	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	X
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	103			70-130 %		"	"	"	"	
2037-26-5	Toluene-d8	100			70-130 %		"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	110			70-130 %		"	"	"	"	
1868-53-7	Dibromofluoromethane	104			70-130 %		"	"	"	"	
Semivolatile Organic Compounds by GC											
<u>Polychlorinated Biphenyls by SW846 8082</u>											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.225	1	SW846 8082	09-Oct-08	10-Oct-08	8100746	X
11104-28-2	PCB 1221	BRL		µg/l	0.225	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/l	0.225	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/l	0.225	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/l	0.225	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/l	0.225	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/l	0.225	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/l	0.225	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/l	0.225	1	"	"	"	"	X
<i>Surrogate recoveries:</i>											
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	73			30-150 %		"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	34			30-150 %		"	"	"	"	
Extractable Petroleum Hydrocarbons											

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

* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

Field Blank

SA85709-05

Client Project #

03-273-03E

Matrix

Aqueous

Collection Date/Time

06-Oct-08 16:30

Received

07-Oct-08

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Cert.</i>
Extractable Petroleum Hydrocarbons											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	09-Oct-08	10-Oct-08	8100726	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	74			50-150 %		"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	09-Oct-08	09-Oct-08	8100759	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	09-Oct-08	10-Oct-08	8100760	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	10-Oct-08	10-Oct-08	8100824	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	10-Oct-08	10-Oct-08	8100825	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0068		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	10-Oct-08	10-Oct-08	8100826	X

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100735 - SW846 5030 Water MS										
Blank (8100735-BLK1)										
Prepared & Analyzed: 09-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100735 - SW846 5030 Water MS										
Blank (8100735-BLK1)										
Prepared & Analyzed: 09-Oct-08										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	31.0		µg/l		30.0		103	70-130		
Surrogate: Toluene-d8	30.4		µg/l		30.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	32.0		µg/l		30.0		107	70-130		
Surrogate: Dibromofluoromethane	31.0		µg/l		30.0		103	70-130		
LCS (8100735-BS1)										
Prepared & Analyzed: 09-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/l		20.0		105	70-130		
Acetone	16.1		µg/l		20.0		80	31.7-144		
Acrylonitrile	18.8		µg/l		20.0		94	70-130		
Benzene	18.2		µg/l		20.0		91	70-130		
Bromobenzene	19.7		µg/l		20.0		98	70-130		
Bromochloromethane	20.0		µg/l		20.0		100	70-130		
Bromodichloromethane	21.2		µg/l		20.0		106	70-130		
Bromoform	18.3		µg/l		20.0		92	70-130		
Bromomethane	16.5		µg/l		20.0		82	43-158		
2-Butanone (MEK)	18.6		µg/l		20.0		93	54.5-137		
n-Butylbenzene	22.0		µg/l		20.0		110	70-130		
sec-Butylbenzene	20.1		µg/l		20.0		100	70-130		
tert-Butylbenzene	20.3		µg/l		20.0		102	70-130		
Carbon disulfide	16.1		µg/l		20.0		80	70-130		
Carbon tetrachloride	17.2		µg/l		20.0		86	70-130		
Chlorobenzene	18.5		µg/l		20.0		92	70-130		

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* Reportable Detection Limit

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100735 - SW846 5030 Water MS										
LCS (8100735-BS1)										
QM10										
Prepared & Analyzed: 09-Oct-08										
Chloroethane	18.4		µg/l		20.0		92	60.1-131		
Chloroform	19.5		µg/l		20.0		98	70-130		
Chloromethane	18.7		µg/l		20.0		94	70-130		
2-Chlorotoluene	18.3		µg/l		20.0		91	70-130		
4-Chlorotoluene	19.1		µg/l		20.0		95	70-130		
1,2-Dibromo-3-chloropropane	20.2		µg/l		20.0		101	70-130		
Dibromochloromethane	18.2		µg/l		20.0		91	66.2-145		
1,2-Dibromoethane (EDB)	20.9		µg/l		20.0		104	70-130		
Dibromomethane	20.6		µg/l		20.0		103	70-130		
1,2-Dichlorobenzene	19.3		µg/l		20.0		96	70-130		
1,3-Dichlorobenzene	19.0		µg/l		20.0		95	70-130		
1,4-Dichlorobenzene	18.4		µg/l		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	20.6		µg/l		20.0		103	46.9-168		
1,1-Dichloroethane	19.5		µg/l		20.0		98	70-130		
1,2-Dichloroethane	20.5		µg/l		20.0		102	70-130		
1,1-Dichloroethene	19.2		µg/l		20.0		96	70-130		
cis-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	18.8		µg/l		20.0		94	70-130		
1,2-Dichloropropane	19.6		µg/l		20.0		98	70-130		
1,3-Dichloropropane	19.9		µg/l		20.0		100	70-130		
2,2-Dichloropropane	19.0		µg/l		20.0		95	70-130		
1,1-Dichloropropene	18.2		µg/l		20.0		91	70-130		
cis-1,3-Dichloropropene	19.2		µg/l		20.0		96	70-130		
trans-1,3-Dichloropropene	20.0		µg/l		20.0		100	70-130		
Ethylbenzene	18.7		µg/l		20.0		94	70-130		
Hexachlorobutadiene	21.1		µg/l		20.0		106	70-135		
2-Hexanone (MBK)	21.0		µg/l		20.0		105	70-130		
Isopropylbenzene	17.6		µg/l		20.0		88	70-130		
4-Isopropyltoluene	21.2		µg/l		20.0		106	70-130		
Methyl tert-butyl ether	19.5		µg/l		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99	57.6-130		
Methylene chloride	18.8		µg/l		20.0		94	70-130		
Naphthalene	20.5		µg/l		20.0		103	70-130		
n-Propylbenzene	19.5		µg/l		20.0		98	70-130		
Styrene	20.0		µg/l		20.0		100	70-130		
1,1,1,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130		
1,1,1,2,2-Tetrachloroethane	19.0		µg/l		20.0		95	70-130		
Tetrachloroethene	18.9		µg/l		20.0		94	70-130		
Toluene	18.5		µg/l		20.0		92	70-130		
1,2,3-Trichlorobenzene	22.6		µg/l		20.0		113	70-130		
1,2,4-Trichlorobenzene	21.1		µg/l		20.0		106	70-130		
1,3,5-Trichlorobenzene	19.8		µg/l		20.0		99	70-130		
1,1,1-Trichloroethane	19.6		µg/l		20.0		98	70-130		
1,1,2-Trichloroethane	20.6		µg/l		20.0		103	70-130		
Trichloroethene	18.4		µg/l		20.0		92	70-130		
Trichlorofluoromethane (Freon 11)	19.1		µg/l		20.0		96	64.9-147		
1,2,3-Trichloropropane	23.1		µg/l		20.0		115	70-130		
1,2,4-Trimethylbenzene	20.4		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		100	70-130		

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100735 - SW846 5030 Water MS										
LCS (8100735-BS1)										
										QM10
Prepared & Analyzed: 09-Oct-08										
Vinyl chloride	22.3		µg/l		20.0		112	70-130		
m,p-Xylene	37.7		µg/l		40.0		94	70-130		
o-Xylene	19.7		µg/l		20.0		98	70-130		
Tetrahydrofuran	19.8		µg/l		20.0		99	70-130		
Ethyl ether	20.0		µg/l		20.0		100	70-130		
Tert-amyl methyl ether	19.0		µg/l		20.0		95	70-130		
Ethyl tert-butyl ether	20.3		µg/l		20.0		101	70-130		
Di-isopropyl ether	18.8		µg/l		20.0		94	70-130		
Tert-Butanol / butyl alcohol	199		µg/l		200		100	70-130		
1,4-Dioxane	185		µg/l		200		92	53.8-137		
trans-1,4-Dichloro-2-butene	18.9		µg/l		20.0		95	70-130		
Ethanol	392		µg/l		400		98	70-130		
Surrogate: 4-Bromofluorobenzene	30.5		µg/l		30.0		102	70-130		
Surrogate: Toluene-d8	30.8		µg/l		30.0		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	32.2		µg/l		30.0		107	70-130		
Surrogate: Dibromofluoromethane	31.1		µg/l		30.0		104	70-130		
LCS Dup (8100735-BS1)										
										QM10
Prepared & Analyzed: 09-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/l		20.0		97	70-130	9	25
Acetone	17.0		µg/l		20.0		85	31.7-144	6	50
Acrylonitrile	18.9		µg/l		20.0		94	70-130	0.4	25
Benzene	17.4		µg/l		20.0		87	70-130	4	25
Bromobenzene	19.2		µg/l		20.0		96	70-130	3	25
Bromochloromethane	18.8		µg/l		20.0		94	70-130	6	25
Bromodichloromethane	20.6		µg/l		20.0		103	70-130	3	25
Bromoform	17.9		µg/l		20.0		90	70-130	2	25
Bromomethane	15.7		µg/l		20.0		78	43-158	5	50
2-Butanone (MEK)	18.4		µg/l		20.0		92	54.5-137	2	50
n-Butylbenzene	20.6		µg/l		20.0		103	70-130	6	25
sec-Butylbenzene	19.3		µg/l		20.0		96	70-130	4	25
tert-Butylbenzene	19.4		µg/l		20.0		97	70-130	5	25
Carbon disulfide	15.3		µg/l		20.0		76	70-130	5	25
Carbon tetrachloride	16.2		µg/l		20.0		81	70-130	6	25
Chlorobenzene	17.6		µg/l		20.0		88	70-130	5	25
Chloroethane	17.8		µg/l		20.0		89	60.1-131	3	50
Chloroform	18.6		µg/l		20.0		93	70-130	5	25
Chloromethane	17.6		µg/l		20.0		88	70-130	6	25
2-Chlorotoluene	17.6		µg/l		20.0		88	70-130	4	25
4-Chlorotoluene	18.3		µg/l		20.0		92	70-130	4	25
1,2-Dibromo-3-chloropropane	19.8		µg/l		20.0		99	70-130	2	25
Dibromochloromethane	17.7		µg/l		20.0		88	66.2-145	3	50
1,2-Dibromoethane (EDB)	20.9		µg/l		20.0		104	70-130	0	25
Dibromomethane	20.7		µg/l		20.0		103	70-130	0.2	25
1,2-Dichlorobenzene	18.6		µg/l		20.0		93	70-130	3	25
1,3-Dichlorobenzene	18.5		µg/l		20.0		93	70-130	2	25
1,4-Dichlorobenzene	17.7		µg/l		20.0		89	70-130	4	25
Dichlorodifluoromethane (Freon12)	18.7		µg/l		20.0		93	46.9-168	10	50
1,1-Dichloroethane	18.3		µg/l		20.0		92	70-130	6	25
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130	3	25
1,1-Dichloroethene	18.2		µg/l		20.0		91	70-130	5	25

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100735 - SW846 5030 Water MS										
LCS Dup (8100735-BSD1)										
QM10										
Prepared & Analyzed: 09-Oct-08										
cis-1,2-Dichloroethene	19.8		µg/l		20.0		99	70-130	5	25
trans-1,2-Dichloroethene	18.0		µg/l		20.0		90	70-130	4	25
1,2-Dichloropropane	18.9		µg/l		20.0		94	70-130	4	25
1,3-Dichloropropane	19.6		µg/l		20.0		98	70-130	2	25
2,2-Dichloropropane	18.0		µg/l		20.0		90	70-130	6	25
1,1-Dichloropropene	17.4		µg/l		20.0		87	70-130	5	25
cis-1,3-Dichloropropene	18.5		µg/l		20.0		92	70-130	4	25
trans-1,3-Dichloropropene	19.5		µg/l		20.0		98	70-130	2	25
Ethylbenzene	17.9		µg/l		20.0		90	70-130	4	25
Hexachlorobutadiene	19.3		µg/l		20.0		96	70-135	9	50
2-Hexanone (MBK)	20.1		µg/l		20.0		101	70-130	4	25
Isopropylbenzene	17.0		µg/l		20.0		85	70-130	4	25
4-Isopropyltoluene	20.2		µg/l		20.0		101	70-130	5	25
Methyl tert-butyl ether	19.4		µg/l		20.0		97	70-130	0.7	25
4-Methyl-2-pentanone (MIBK)	19.1		µg/l		20.0		95	57.6-130	4	50
Methylene chloride	17.6		µg/l		20.0		88	70-130	6	25
Naphthalene	19.6		µg/l		20.0		98	70-130	4	25
n-Propylbenzene	18.7		µg/l		20.0		94	70-130	4	25
Styrene	19.2		µg/l		20.0		96	70-130	4	25
1,1,1,2-Tetrachloroethane	17.3		µg/l		20.0		87	70-130	4	25
1,1,2,2-Tetrachloroethane	18.9		µg/l		20.0		95	70-130	0.2	25
Tetrachloroethene	17.9		µg/l		20.0		89	70-130	5	25
Toluene	17.7		µg/l		20.0		89	70-130	4	25
1,2,3-Trichlorobenzene	21.3		µg/l		20.0		107	70-130	6	25
1,2,4-Trichlorobenzene	20.1		µg/l		20.0		100	70-130	5	25
1,3,5-Trichlorobenzene	18.5		µg/l		20.0		93	70-130	7	25
1,1,1-Trichloroethane	18.8		µg/l		20.0		94	70-130	4	25
1,1,2-Trichloroethane	20.4		µg/l		20.0		102	70-130	1	25
Trichloroethene	17.4		µg/l		20.0		87	70-130	6	25
Trichlorofluoromethane (Freon 11)	18.0		µg/l		20.0		90	64.9-147	6	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	2	25
1,2,4-Trimethylbenzene	19.4		µg/l		20.0		97	70-130	5	25
1,3,5-Trimethylbenzene	19.2		µg/l		20.0		96	70-130	4	25
Vinyl chloride	21.3		µg/l		20.0		107	70-130	5	25
m,p-Xylene	36.4		µg/l		40.0		91	70-130	4	25
o-Xylene	19.2		µg/l		20.0		96	70-130	2	25
Tetrahydrofuran	19.8		µg/l		20.0		99	70-130	0.3	25
Ethyl ether	19.4		µg/l		20.0		97	70-130	3	50
Tert-amyl methyl ether	18.6		µg/l		20.0		93	70-130	2	25
Ethyl tert-butyl ether	19.6		µg/l		20.0		98	70-130	3	25
Di-isopropyl ether	18.1		µg/l		20.0		90	70-130	4	25
Tert-Butanol / butyl alcohol	209		µg/l		200		104	70-130	5	25
1,4-Dioxane	195		µg/l		200		97	53.8-137	5	25
trans-1,4-Dichloro-2-butene	18.6		µg/l		20.0		93	70-130	1	25
Ethanol	407		µg/l		400		102	70-130	4	30
Surrogate: 4-Bromofluorobenzene	30.6		µg/l		30.0		102	70-130		
Surrogate: Toluene-d8	30.5		µg/l		30.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	32.2		µg/l		30.0		107	70-130		
Surrogate: Dibromofluoromethane	30.4		µg/l		30.0		101	70-130		

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100843 - SW846 5030 Water MS										
Blank (8100843-BLK1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						

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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 8100843 - SW846 5030 Water MS										
Blank (8100843-BLK1)										
Prepared & Analyzed: 10-Oct-08										
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	51.1		µg/l		50.0		102	70-130		
Surrogate: Toluene-d8	50.0		µg/l		50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4	47.8		µg/l		50.0		96	70-130		
Surrogate: Dibromofluoromethane	50.8		µg/l		50.0		102	70-130		
LCS (8100843-BS1)										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.5		µg/l		20.0		112	70-130		
Acetone	18.6		µg/l		20.0		93	31.7-144		
Acrylonitrile	18.7		µg/l		20.0		94	70-130		
Benzene	21.9		µg/l		20.0		109	70-130		
Bromobenzene	25.9		µg/l		20.0		129	70-130		
Bromochloromethane	23.3		µg/l		20.0		117	70-130		
Bromodichloromethane	22.2		µg/l		20.0		111	70-130		
Bromoform	26.0		µg/l		20.0		130	70-130		
Bromomethane	25.2		µg/l		20.0		126	43-158		
2-Butanone (MEK)	21.4		µg/l		20.0		107	54.5-137		
n-Butylbenzene	19.2		µg/l		20.0		96	70-130		
sec-Butylbenzene	24.8		µg/l		20.0		124	70-130		
tert-Butylbenzene	24.9		µg/l		20.0		124	70-130		
Carbon disulfide	19.8		µg/l		20.0		99	70-130		
Carbon tetrachloride	23.7		µg/l		20.0		118	70-130		
Chlorobenzene	24.1		µg/l		20.0		120	70-130		
Chloroethane	21.4		µg/l		20.0		107	60.1-131		

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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 8100843 - SW846 5030 Water MS										
<u>LCS (8100843-BS1)</u>										
Prepared & Analyzed: 10-Oct-08										
Chloroform	21.8		µg/l		20.0		109	70-130		
Chloromethane	20.6		µg/l		20.0		103	70-130		
2-Chlorotoluene	23.4		µg/l		20.0		117	70-130		
4-Chlorotoluene	24.1		µg/l		20.0		121	70-130		
1,2-Dibromo-3-chloropropane	18.2		µg/l		20.0		91	70-130		
Dibromochloromethane	23.9		µg/l		20.0		119	66.2-145		
1,2-Dibromoethane (EDB)	22.2		µg/l		20.0		111	70-130		
Dibromomethane	22.1		µg/l		20.0		111	70-130		
1,2-Dichlorobenzene	21.9		µg/l		20.0		109	70-130		
1,3-Dichlorobenzene	25.9		µg/l		20.0		129	70-130		
1,4-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
Dichlorodifluoromethane (Freon12)	21.1		µg/l		20.0		106	46.9-168		
1,1-Dichloroethane	21.6		µg/l		20.0		108	70-130		
1,2-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,1-Dichloroethene	22.1		µg/l		20.0		110	70-130		
cis-1,2-Dichloroethene	23.4		µg/l		20.0		117	70-130		
trans-1,2-Dichloroethene	21.7		µg/l		20.0		109	70-130		
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130		
2,2-Dichloropropane	23.7		µg/l		20.0		118	70-130		
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130		
cis-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	20.0		µg/l		20.0		100	70-130		
Ethylbenzene	23.6		µg/l		20.0		118	70-130		
Hexachlorobutadiene	19.8		µg/l		20.0		99	70-135		
2-Hexanone (MBK)	17.2		µg/l		20.0		86	70-130		
Isopropylbenzene	22.4		µg/l		20.0		112	70-130		
4-Isopropyltoluene	22.5		µg/l		20.0		113	70-130		
Methyl tert-butyl ether	20.0		µg/l		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	18.9		µg/l		20.0		94	57.6-130		
Methylene chloride	22.8		µg/l		20.0		114	70-130		
Naphthalene	17.6		µg/l		20.0		88	70-130		
n-Propylbenzene	23.7		µg/l		20.0		118	70-130		
Styrene	26.2	QC1	µg/l		20.0		131	70-130		
1,1,1,2-Tetrachloroethane	24.6		µg/l		20.0		123	70-130		
1,1,1,2,2-Tetrachloroethane	21.8		µg/l		20.0		109	70-130		
Tetrachloroethene	24.1		µg/l		20.0		120	70-130		
Toluene	22.7		µg/l		20.0		114	70-130		
1,2,3-Trichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,2,4-Trichlorobenzene	18.9		µg/l		20.0		95	70-130		
1,3,5-Trichlorobenzene	20.4		µg/l		20.0		102	70-130		
1,1,1-Trichloroethane	22.9		µg/l		20.0		115	70-130		
1,1,2-Trichloroethane	21.3		µg/l		20.0		106	70-130		
Trichloroethene	21.8		µg/l		20.0		109	70-130		
Trichlorofluoromethane (Freon 11)	20.5		µg/l		20.0		102	64.9-147		
1,2,3-Trichloropropane	23.8		µg/l		20.0		119	70-130		
1,2,4-Trimethylbenzene	25.5		µg/l		20.0		127	70-130		
1,3,5-Trimethylbenzene	24.6		µg/l		20.0		123	70-130		
Vinyl chloride	23.0		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 8100843 - SW846 5030 Water MS										
<u>LCS (8100843-BS1)</u>										
Prepared & Analyzed: 10-Oct-08										
m,p-Xylene	49.0		µg/l		40.0		122	70-130		
o-Xylene	25.0		µg/l		20.0		125	70-130		
Tetrahydrofuran	18.3		µg/l		20.0		91	70-130		
Ethyl ether	20.6		µg/l		20.0		103	70-130		
Tert-amyl methyl ether	20.4		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	20.9		µg/l		20.0		105	70-130		
Di-isopropyl ether	19.1		µg/l		20.0		95	70-130		
Tert-Butanol / butyl alcohol	205		µg/l		200		102	70-130		
1,4-Dioxane	218		µg/l		200		109	53.8-137		
trans-1,4-Dichloro-2-butene	19.4		µg/l		20.0		97	70-130		
Ethanol	399		µg/l		400		100	70-130		
Surrogate: 4-Bromofluorobenzene	54.2		µg/l		50.0		108	70-130		
Surrogate: Toluene-d8	50.8		µg/l		50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	47.6		µg/l		50.0		95	70-130		
Surrogate: Dibromofluoromethane	51.8		µg/l		50.0		104	70-130		
<u>LCS Dup (8100843-BSD1)</u>										
Prepared & Analyzed: 10-Oct-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.0		µg/l		20.0		105	70-130	7	25
Acetone	18.8		µg/l		20.0		94	31.7-144	1	50
Acrylonitrile	18.6		µg/l		20.0		93	70-130	0.9	25
Benzene	20.9		µg/l		20.0		104	70-130	5	25
Bromobenzene	24.2		µg/l		20.0		121	70-130	7	25
Bromochloromethane	22.2		µg/l		20.0		111	70-130	5	25
Bromodichloromethane	21.6		µg/l		20.0		108	70-130	2	25
Bromoform	24.9		µg/l		20.0		124	70-130	4	25
Bromomethane	23.2		µg/l		20.0		116	43-158	8	50
2-Butanone (MEK)	18.6		µg/l		20.0		93	54.5-137	14	50
n-Butylbenzene	17.8		µg/l		20.0		89	70-130	7	25
sec-Butylbenzene	22.8		µg/l		20.0		114	70-130	9	25
tert-Butylbenzene	23.1		µg/l		20.0		115	70-130	7	25
Carbon disulfide	18.5		µg/l		20.0		92	70-130	7	25
Carbon tetrachloride	21.5		µg/l		20.0		108	70-130	9	25
Chlorobenzene	22.7		µg/l		20.0		114	70-130	6	25
Chloroethane	19.7		µg/l		20.0		98	60.1-131	8	50
Chloroform	21.0		µg/l		20.0		105	70-130	4	25
Chloromethane	19.4		µg/l		20.0		97	70-130	6	25
2-Chlorotoluene	22.7		µg/l		20.0		114	70-130	3	25
4-Chlorotoluene	22.1		µg/l		20.0		111	70-130	9	25
1,2-Dibromo-3-chloropropane	17.5		µg/l		20.0		87	70-130	4	25
Dibromochloromethane	23.2		µg/l		20.0		116	66.2-145	3	50
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130	3	25
Dibromomethane	21.1		µg/l		20.0		105	70-130	5	25
1,2-Dichlorobenzene	21.2		µg/l		20.0		106	70-130	3	25
1,3-Dichlorobenzene	24.0		µg/l		20.0		120	70-130	7	25
1,4-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.8		µg/l		20.0		99	46.9-168	6	50
1,1-Dichloroethane	20.2		µg/l		20.0		101	70-130	7	25
1,2-Dichloroethane	20.6		µg/l		20.0		103	70-130	0.8	25
1,1-Dichloroethene	20.6		µg/l		20.0		103	70-130	7	25
cis-1,2-Dichloroethene	22.5		µg/l		20.0		112	70-130	4	25

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100843 - SW846 5030 Water MS										
LCS Dup (8100843-BSD1)										
Prepared & Analyzed: 10-Oct-08										
trans-1,2-Dichloroethene	20.3		µg/l		20.0		101	70-130	7	25
1,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	6	25
1,3-Dichloropropane	20.5		µg/l		20.0		103	70-130	2	25
2,2-Dichloropropane	22.2		µg/l		20.0		111	70-130	6	25
1,1-Dichloropropene	19.6		µg/l		20.0		98	70-130	8	25
cis-1,3-Dichloropropene	21.1		µg/l		20.0		106	70-130	4	25
trans-1,3-Dichloropropene	19.4		µg/l		20.0		97	70-130	3	25
Ethylbenzene	22.1		µg/l		20.0		110	70-130	7	25
Hexachlorobutadiene	18.5		µg/l		20.0		93	70-135	7	50
2-Hexanone (MBK)	17.5		µg/l		20.0		87	70-130	2	25
Isopropylbenzene	20.7		µg/l		20.0		103	70-130	8	25
4-Isopropyltoluene	21.4		µg/l		20.0		107	70-130	5	25
Methyl tert-butyl ether	19.8		µg/l		20.0		99	70-130	1	25
4-Methyl-2-pentanone (MIBK)	19.0		µg/l		20.0		95	57.6-130	0.5	50
Methylene chloride	21.6		µg/l		20.0		108	70-130	5	25
Naphthalene	16.5		µg/l		20.0		83	70-130	7	25
n-Propylbenzene	21.1		µg/l		20.0		105	70-130	12	25
Styrene	23.8		µg/l		20.0		119	70-130	9	25
1,1,1,2-Tetrachloroethane	23.4		µg/l		20.0		117	70-130	5	25
1,1,1,2,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130	2	25
Tetrachloroethene	22.2		µg/l		20.0		111	70-130	8	25
Toluene	21.4		µg/l		20.0		107	70-130	6	25
1,2,3-Trichlorobenzene	18.6		µg/l		20.0		93	70-130	5	25
1,2,4-Trichlorobenzene	17.9		µg/l		20.0		90	70-130	5	25
1,3,5-Trichlorobenzene	18.9		µg/l		20.0		94	70-130	8	25
1,1,1-Trichloroethane	21.3		µg/l		20.0		107	70-130	7	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	0.1	25
Trichloroethene	20.5		µg/l		20.0		102	70-130	6	25
Trichlorofluoromethane (Freon 11)	18.9		µg/l		20.0		94	64.9-147	8	50
1,2,3-Trichloropropane	23.1		µg/l		20.0		116	70-130	3	25
1,2,4-Trimethylbenzene	24.0		µg/l		20.0		120	70-130	6	25
1,3,5-Trimethylbenzene	23.1		µg/l		20.0		115	70-130	6	25
Vinyl chloride	21.2		µg/l		20.0		106	70-130	9	25
m,p-Xylene	45.6		µg/l		40.0		114	70-130	7	25
o-Xylene	23.4		µg/l		20.0		117	70-130	6	25
Tetrahydrofuran	18.6		µg/l		20.0		93	70-130	2	25
Ethyl ether	20.1		µg/l		20.0		101	70-130	2	50
Tert-amyl methyl ether	20.1		µg/l		20.0		100	70-130	1	25
Ethyl tert-butyl ether	20.4		µg/l		20.0		102	70-130	2	25
Di-isopropyl ether	18.6		µg/l		20.0		93	70-130	2	25
Tert-Butanol / butyl alcohol	206		µg/l		200		103	70-130	0.6	25
1,4-Dioxane	202		µg/l		200		101	53.8-137	8	25
trans-1,4-Dichloro-2-butene	19.8		µg/l		20.0		99	70-130	2	25
Ethanol	386		µg/l		400		97	70-130	3	30
Surrogate: 4-Bromofluorobenzene	53.3		µg/l		50.0		107	70-130		
Surrogate: Toluene-d8	50.6		µg/l		50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	47.6		µg/l		50.0		95	70-130		
Surrogate: Dibromofluoromethane	51.7		µg/l		50.0		103	70-130		

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Semivolatle Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100746 - SW846 3510C										
Blank (8100746-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	BRL		µg/l		0.200		86	30-150		
Surrogate: Decachlorobiphenyl (Sr)	BRL		µg/l		0.200		78	30-150		
LCS (8100746-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	2.59		µg/l	0.200	2.50		104	40-140		
PCB 1260	2.30		µg/l	0.200	2.50		92	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	0.196		µg/l		0.200		98	30-150		
Surrogate: Decachlorobiphenyl (Sr)	0.187		µg/l		0.200		94	30-150		
LCS Dup (8100746-BSD1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
PCB 1016	2.66		µg/l	0.200	2.50		106	40-140	2	20
PCB 1260	2.44		µg/l	0.200	2.50		97	40-140	6	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	0.194		µg/l		0.200		97	30-150		
Surrogate: Decachlorobiphenyl (Sr)	0.200		µg/l		0.200		100	30-150		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100726 - SW846 3510C										
Blank (8100726-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	0.0268		mg/l		0.0500		54	50-150		
LCS (8100726-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
C9-C36 Aliphatic Hydrocarbons	0.8		mg/l	0.05	1.40		60	60-120		
Surrogate: 1-Chlorooctadecane	0.0281		mg/l		0.0500		56	50-150		

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100759 - SW846 3005A										
<u>Blank (8100759-BLK1)</u>										
Prepared & Analyzed: 09-Oct-08										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
<u>LCS (8100759-BS1)</u>										
Prepared & Analyzed: 09-Oct-08										
Lead	1.23		mg/l	0.0075				85-115		
Selenium	1.20		mg/l	0.0150				85-115		
Silver	1.20		mg/l	0.0050				85-115		
Cadmium	1.29		mg/l	0.0025				85-115		
Barium	1.24		mg/l	0.0050				85-115		
Chromium	1.27		mg/l	0.0050				85-115		
Arsenic	1.19		mg/l	0.0040				85-115		
<u>LCS Dup (8100759-BSD1)</u>										
Prepared & Analyzed: 09-Oct-08										
Lead	1.21		mg/l	0.0075				85-115	1	20
Selenium	1.19		mg/l	0.0150				85-115	0.8	20
Chromium	1.25		mg/l	0.0050				85-115	2	20
Arsenic	1.18		mg/l	0.0040				85-115	1	20
Cadmium	1.27		mg/l	0.0025				85-115	1	20
Silver	1.19		mg/l	0.0050				85-115	1	20
Barium	1.22		mg/l	0.0050				85-115	2	20
<u>Duplicate (8100759-DUP1)</u> Source: SA85709-01										
Prepared & Analyzed: 09-Oct-08										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0004	J	mg/l	0.0025		0.0003			15	20
Barium	0.417		mg/l	0.0050		0.408			2	20
<u>Matrix Spike (8100759-MS1)</u> Source: SA85709-02										
Prepared & Analyzed: 09-Oct-08										
Selenium	1.22		mg/l	0.0150		BRL		75-125		
Lead	1.24		mg/l	0.0075		BRL		75-125		
Cadmium	1.31		mg/l	0.0025		0.0002		75-125		
Chromium	1.25		mg/l	0.0050		BRL		75-125		
Barium	1.49		mg/l	0.0050		0.228		75-125		
Silver	1.23		mg/l	0.0050		BRL		75-125		
Arsenic	1.23		mg/l	0.0040		BRL		75-125		
<u>Matrix Spike Dup (8100759-MSD1)</u> Source: SA85709-02										
Prepared & Analyzed: 09-Oct-08										
Selenium	1.20		mg/l	0.0150		BRL		75-125	2	20
Lead	1.23		mg/l	0.0075		BRL		75-125	0.9	20

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* Reportable Detection Limit

BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8100759 - SW846 3005A										
Matrix Spike Dup (8100759-MSD1) Source: SA85709-02										
Prepared & Analyzed: 09-Oct-08										
Silver	1.21		mg/l	0.0050		BRL		75-125	1	20
Cadmium	1.30		mg/l	0.0025		0.0002		75-125	1	20
Barium	1.47		mg/l	0.0050		0.228		75-125	1	20
Arsenic	1.21		mg/l	0.0040		BRL		75-125	2	20
Chromium	1.23		mg/l	0.0050		BRL		75-125	2	20
Post Spike (8100759-PS1) Source: SA85709-02										
Prepared & Analyzed: 09-Oct-08										
Selenium	1.21		mg/l	0.0150		BRL		80-120		
Lead	1.24		mg/l	0.0075		BRL		80-120		
Barium	1.48		mg/l	0.0050		0.228		80-120		
Chromium	1.24		mg/l	0.0050		BRL		80-120		
Silver	1.23		mg/l	0.0050		BRL		80-120		
Arsenic	1.22		mg/l	0.0040		BRL		80-120		
Cadmium	1.30		mg/l	0.0025		0.0002		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 8100760 - EPA200/SW7000 Series										
Blank (8100760-BLK1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020						
LCS (8100760-BS1)										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00423		mg/l	0.00020	0.00500		85	85-115		
Duplicate (8100760-DUP1) Source: SA85709-03										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (8100760-MS1) Source: SA85709-05										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00450		mg/l	0.00020	0.00500	BRL	90	75-125		
Matrix Spike Dup (8100760-MSD1) Source: SA85709-05										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	0.00441		mg/l	0.00020	0.00500	BRL	88	75-125	2	20
Post Spike (8100760-PS1) Source: SA85709-05										
Prepared: 09-Oct-08 Analyzed: 10-Oct-08										
Mercury	4.35		mg/l		5.00	0.0160	87	85-115		

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* Reportable Detection Limit BRL = Below Reporting Limit

Soluble 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 8100825 - SW846 3005A										
Blank (8100825-BLK1)										
Prepared & Analyzed: 10-Oct-08										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (8100825-BS1)										
Prepared & Analyzed: 10-Oct-08										
Lead	1.34		mg/l	0.0075	1.25		107	85-115		
Selenium	1.37		mg/l	0.0150	1.25		109	85-115		
Silver	1.36		mg/l	0.0050	1.25		109	85-115		
Cadmium	1.38		mg/l	0.0025	1.25		110	85-115		
Barium	1.35		mg/l	0.0050	1.25		108	85-115		
Arsenic	1.34		mg/l	0.0040	1.25		107	85-115		
Chromium	1.38		mg/l	0.0050	1.25		111	85-115		
LCS Dup (8100825-BSD1)										
Prepared & Analyzed: 10-Oct-08										
Selenium	1.34		mg/l	0.0150	1.25		108	85-115	2	20
Lead	1.34		mg/l	0.0075	1.25		107	85-115	0.1	20
Arsenic	1.32		mg/l	0.0040	1.25		106	85-115	1	20
Chromium	1.41		mg/l	0.0050	1.25		113	85-115	2	20
Barium	1.37		mg/l	0.0050	1.25		110	85-115	1	20
Silver	1.35		mg/l	0.0050	1.25		108	85-115	1	20
Cadmium	1.39		mg/l	0.0025	1.25		111	85-115	1	20
Duplicate (8100825-DUP1) Source: SA85709-01										
Prepared & Analyzed: 10-Oct-08										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Cadmium	0.0002	J,QR8	mg/l	0.0025		0.0003			24	20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.444		mg/l	0.0050		0.467			5	20
Matrix Spike (8100825-MS1) Source: SA85709-02										
Prepared & Analyzed: 10-Oct-08										
Selenium	1.31		mg/l	0.0150	1.25	BRL	105	75-125		
Lead	1.24		mg/l	0.0075	1.25	BRL	99	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	101	75-125		
Arsenic	1.28		mg/l	0.0040	1.25	BRL	103	75-125		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125		
Barium	1.52		mg/l	0.0050	1.25	0.254	101	75-125		
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Matrix Spike Dup (8100825-MSD1) Source: SA85709-02										
Prepared & Analyzed: 10-Oct-08										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	75-125	4	20
Lead	1.19		mg/l	0.0075	1.25	BRL	96	75-125	4	20

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* Reportable Detection Limit

BRL = Below Reporting Limit

Soluble 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 8100825 - SW846 3005A										
Matrix Spike Dup (8100825-MSD1)		Source: SA85709-02								
Prepared & Analyzed: 10-Oct-08										
Silver	1.25		mg/l	0.0050	1.25	BRL	100	75-125	4	20
Cadmium	1.22		mg/l	0.0025	1.25	BRL	97	75-125	4	20
Chromium	1.22		mg/l	0.0050	1.25	BRL	98	75-125	4	20
Barium	1.46		mg/l	0.0050	1.25	0.254	97	75-125	4	20
Arsenic	1.24		mg/l	0.0040	1.25	BRL	99	75-125	4	20
Post Spike (8100825-PS1)		Source: SA85709-02								
Prepared & Analyzed: 10-Oct-08										
Lead	1.26		mg/l	0.0075	1.25	BRL	101	80-120		
Selenium	1.35		mg/l	0.0150	1.25	BRL	108	80-120		
Silver	1.37		mg/l	0.0050	1.25	BRL	109	80-120		
Chromium	1.34		mg/l	0.0050	1.25	BRL	107	80-120		
Arsenic	1.32		mg/l	0.0040	1.25	BRL	105	80-120		
Cadmium	1.29		mg/l	0.0025	1.25	BRL	103	80-120		
Barium	1.52		mg/l	0.0050	1.25	0.254	101	80-120		

Soluble 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 8100826 - EPA200/SW7000 Series										
Blank (8100826-BLK1)										
Prepared & Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020						
LCS (8100826-BS1)										
Prepared & Analyzed: 10-Oct-08										
Mercury	0.00472		mg/l	0.00020	0.00500		94	85-115		
Duplicate (8100826-DUP1)		Source: SA85709-01								
Prepared & Analyzed: 10-Oct-08										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (8100826-MS1)		Source: SA85709-02								
Prepared & Analyzed: 10-Oct-08										
Mercury	0.00479		mg/l	0.00020	0.00500	0.00004	95	75-125		
Matrix Spike Dup (8100826-MSD1)		Source: SA85709-02								
Prepared & Analyzed: 10-Oct-08										
Mercury	0.00493		mg/l	0.00020	0.00500	0.00004	98	75-125	3	20
Post Spike (8100826-PS1)		Source: SA85709-02								
Prepared & Analyzed: 10-Oct-08										
Mercury	0.00482		mg/l	0.00020	0.00500	0.00004	96	85-115		

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* Reportable Detection Limit

BRL = Below Reporting Limit

Notes and Definitions

QC1	Analyte out of acceptance range.
QM10	LCS/LCSD were analyzed in place of MS/MSD.
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.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Rebecca Merz

**Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form**

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

Client: Diversified Technology Consultants

Project Location: Parsons - Farmington, CT

Project Number: 03-273-03E

Sampling Date(s):

Laboratory Sample ID(s):

06-Oct-08

SA85709-01 through SA85709-05

RCP Methods Used:

+CT ETPH

EPA 245.1/7470A

SW 846 8260B

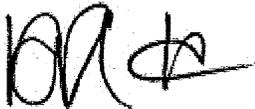
SW846 6010B

SW846 8082

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	<i>VPH and EPH methods only:</i> Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)? * <i>* These methods have not yet been approved for release by CT DEP</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? <i>* Exceptions are defined by qualifiers</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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



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

Date: 10/10/2008

