TASK 210 SUBSURFACE SITE IVESTIGATION

Six Proposed Wayside Substation Parcels

Bridgeport, Milford, and Norwalk, CT

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

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ON CALL ENVIRONMENTAL SERVICES
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DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
NORTH HAVEN, CT, NORWICH, CT NEW ROCHELLE, NY & ANDOVER, MA

SIGNATURE PAGE

TASK 210 SUBSURFACE SITE INVESTIGATION

SIX PROPOSED WAYSIDE SUBSTATION PARCELS
BRIDGEPORT, MILFORD, AND NORWALK, CONNECTICUT

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1.0 INTRODUCTION

Diversified Technology Consultants (DTC) was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) in support of ConnDOT Project No. 301-0072, Replacement of Wayside Electric Traction Substations on the New Haven Line.

The work scope included the collection of one in-situ soil characterization sample at each of the six proposed electric traction substation sites. The soil characterization sample results were compared to several ConnDOT-approved disposal facilities' permit disposal criteria, including Massachusetts lined landfills, the Phoenix Soil, LLC thermal treatment facility in Waterbury, Connecticut, and Ted Ondrick Company asphalt batch plant in Chicopee, MA.

The following report provides a brief description of the subject sites, a discussion of the local environment and receptors, a summary of the data obtained during the investigation, an interpretation of the results with respect to the appropriate disposal facility and regulatory criteria, and conclusions and recommendations.

The six sites are described briefly below:

Site 1 – Substation #513 (SNEW Property) – Norwalk, CT

Proposed Substation Site #513 is comprised of a 0.62-acre parcel of land located within the United States Geological Survey (USGS) Norwalk South, Connecticut quadrangle. The parcel is located in the South Norwalk section of Norwalk, south of the intersection of Lowe Street and Dr. Martin Luther King Drive, and east of the Metro-North railroad tracks.

The parcel is currently owned by the City of Norwalk Second Taxing District, and is currently used by South Norwalk Electric and Water (SNEW) for storage of new and out-of-use electrical transformers, wire cables, and telephone poles. Proposed Substation Site #513's location and pertinent features are depicted on Figures 1A and 2A, respectively.

Site 2 – Substation #537 – Norwalk, CT

Proposed Substation Site #537 is comprised of a parcel of land located within the USGS Norwalk South, Connecticut quadrangle, southwest of the intersection of the Metro-North railroad tracks and Osborne Avenue. Proposed Substation Site #537's location and pertinent features are depicted on Figures 1B and 2B, respectively.

Site 3 – Substation #736 – Bridgeport, CT

Proposed Substation Site #736 is comprised of a parcel of land located within the USGS Bridgeport, Connecticut quadrangle, northwest of the intersection of the Metro-North railroad tracks and Fairfield Avenue. Proposed Substation Site #736's location and pertinent features are depicted on Figures 1C and 2C, respectively.

Site 4 – Substation #814 – Bridgeport, CT

Proposed Substation Site #814 is comprised of a parcel of land located within the USGS Bridgeport, Connecticut quadrangle, south of the Metro-North railroad tracks, between Bishop Avenue and Bruce Avenue. Proposed Substation Site #814's location and pertinent features are depicted on Figures 1D and 2D, respectively.

Site 5 – Substation #867 – Milford, CT

Proposed Substation Site #867 is comprised of a parcel of land located within the USGS Milford, Connecticut quadrangle, south of the Metro-North railroad tracks, and east of Naugatuck Avenue, near Berwyn Street in the Devon section of Milford. Proposed Substation Site #867's location and pertinent features are depicted on Figures 1E and 2E, respectively.

Site 6 – Substation #964 – Milford, CT

Proposed Substation Site #964 is comprised of a parcel of land located within the USGS Milford, Connecticut quadrangle, south of the Metro-North railroad tracks, and west of the intersection of Quirk Road and Rock Lane. Proposed Substation Site #964's location and pertinent features are depicted on Figures 1F and 2F, respectively.

1.1 Purpose

The purpose of this Task 210 SSI was to collect in-situ soil characterization samples at each of the six proposed electric traction substation sites to allow any identified impacted soil to be pre-approved for off-site disposal at a ConnDOT-approved disposal facility. The soil may then be excavated and direct loaded into awaiting trucks for transportation to the disposal facility. Temporary stockpiling of soil will, therefore, not be required which will result in substantial cost savings to the project.

1.2 Previous Environmental Reports

Prior to the preparation of this Task 210 SSI, DTC was retained by ConnDOT to conduct a Task 120 Preliminary Site Evaluation (PSE) for the Proposed Substation Site #513 located south of the intersection of Lowe Street and Dr. Martin Luther King Drive in Norwalk, Connecticut. This Task 120 PSE was performed in connection with the proposed acquisition of the parcel for this railroad improvement project. The findings of this previous report are briefly summarized below.

Task 120 Preliminary Site Evaluation, Proposed Wayside Substation Property, Dr. Martin Luther King Drive, Norwalk, Connecticut, July 2008

The objective of the Task 120 - Preliminary Site Evaluation was to identify and document on and off-site environmental concerns on this Proposed Wayside Substation parcel to evaluate whether the railroad improvement activities on this parcel may encounter hazardous wastes, contaminated materials, or other regulated substances, and to evaluate whether further investigation of this parcel is warranted.

DTC conducted the Task 120 PSE based on field observations and a historical environmental records review. From approximately 1940 to 1978, the site was occupied by three building structures, including the St. Ann's Social Club. A gasoline "filling station" may have been present during the 1950's. Apparently, sometime after 1978, the site buildings were demolished and the site was converted to a storage lot.

Based on the findings of this Task 120 PSE, five on-site Potential Release Areas (PRAs) and one off-site PRA were identified at the site. The PRAs include the following:

PRA 1 Potential releases of dielectric fluid from on- site transformer storage

PRA 2 Potential releases from on-site chemically-treated telephone pole storage

PRA 3 Potential releases from historic on-site petroleum ASTs/USTs

PRA 4 Potential releases of lead-based paint (LBP) to surficial site soils

PRA 5 Potential fill material of unknown quality

PRA 6 Potential site groundwater impact from off-site southern abutting auto body shop

Based on information obtained by DTC during completion of the Task 120 PSE, DTC concluded that the site does not meet the definition of an "Establishment" under Connecticut General Statutes section 22a-134 ("the Transfer Act").

1.3 ConnDOT Project Description

Based upon a review of the preliminary construction plans and discussion with ConnDOT personnel, it is anticipated that the project will include the construction of six electric traction substations, each occupying areas ranging from approximately 500 to 900 square feet. The foundation depth at each substation is anticipated to be approximately three feet below current grade.

1.4 Scope of Work

DTC designed the Task 210 Subsurface Site Investigation (SSI) activities based on a review of preliminary construction plans provided by ConnDOT, a walkover inspection of each site, and discussions with ConnDOT Division of Environmental Compliance personnel.

The scope of work included the completion of the following tasks:

- Reviewing the in-situ soil characterization sampling locations with site representatives, and preparation of a site specific Health and Safety Plan (HASP);
- Completion of 18 soil borings; 3 borings at each of the six sites to a maximum depth of approximately 3 feet below grade, using a hand-auger;
- Recording lithology;
- Collection of one composite soil characterization sample for every 250 cubic yards of potentially impacted soil which may require off-site disposal (one sample per site), and one discrete (grab) sample for every 100 cubic yards of potentially impacted soil for analysis of volatile organic compound (VOC) and extractable total petroleum hydrocarbon (ETPH) analysis (three grab samples per site); and
- Analysis of the 18 discrete and 6 composite samples waste characterization parameters required by the potential disposal facilities, including VOCs by EPA Method 8260B using sample preservation method 5035, ETPH by the Connecticut Department of Environmental Protection (CTDEP) approved method, polychlorinated biphenyls (PCBs) by EPA Method 8082, total arsenic, cadmium, chromium, lead, and mercury, leachable lead by the Toxicity Characteristic Leaching Procedure (TCLP), total semi-volatile organic compounds (full SVOCs) by EPA Method 8270, ignitability (flashpoint), reactivity, total organic carbon (TOC), paint filter test – free liquids, specific conductance, and/or corrosivity (pH).

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the Surficial Geology Map of Connecticut (Stone et al, 1992), the sites are underlain with the following materials:

Site 1 – Substation #513 SNEW Property – Norwalk, CT

Sand and Gravel –defined as areas consisting of poorly-sorted mixtures of gravel and sand within individual layers and as alternating layers.

Site 2 – Substation #537 – Norwalk, CT

Sand and Gravel – defined as areas consisting of poorly-sorted mixtures of gravel and sand within individual layers and as alternating layers.

Site 3 – Substation #736 – Bridgeport, CT

Sand Overlying Fines – described as areas where sand is of variable thickness and overlies thinly bedded fines of variable thickness.

Site 4 – Substation #814 – Bridgeport, CT

Sand – defined as areas composed mainly of very coarse-to-fine sand, commonly in well-sorted layers.

Site 5 – Substation #867 – Milford, CT

Thin Till – defined as areas composed of glacial till where till is loose to moderately compact and is generally less than 10 to 15 feet thick.

Site 6 – Substation #964 – Milford, CT

Sand – defined as areas composed mainly of very coarse-to-fine sand, commonly in well-sorted layers.

2.2 Bedrock Geology

According to the Bedrock Geologic Map of Connecticut (Rogers 1985), bedrock beneath the sites is mapped as the following:

Site 1 – Substation 513 SNEW Property – Norwalk, CT

Trap Falls Formation – described as interlayered gray to silvery, medium-to-coarse grained schist and granofels.

Site 2 – Substation #537 – Norwalk, CT

Unclassified

Site 3 – Substation #736 – Bridgeport, CT

Golden Hill Schist – described as gray to silvery, medium-to-coarse grained, generally layered schist and granofels.

Site 4 – Substation #814 – Bridgeport, CT

Oronoque Schist – described as gray to silver, medium-to-fine grained, well-layered to laminated schist and granofels.

Site 5 – Substation #867 – Milford, CT

Oronoque Schist – described as gray to silver, medium-to-fine grained, well-layered to laminated schist and granofels.

Site 6 – Substation #964 – Milford, CT

Maltby Lakes Metavolcanics – described as green to gray-green, fine-grained, massive to well-foliated and layered greenstone, green-schist, and schist.

2.3 Surface Water

Based on review of the Water Quality Classifications Map of the Housatonic River, Hudson River, and Southwest Coastal Basins, adopted 1999, published by the CTDEP, the nearest surface water body to each site is the following:

Site 1 – Substation #513 SNEW Property – Norwalk, CT

Norwalk River – The Norwalk River is classified by the CTDEP as a "SC/SB" surface water body. The Class "SC/SB" designation indicates a coastal or marine 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.

Site 2 – Substation #537 – Norwalk, CT

Norwalk River – The Norwalk River is classified as a "SC/SB" surface water body.

Site 3 – Substation #736 – Bridgeport, CT

Ash Creek – Ash Creek is classified as a "SC/SB" surface water body.

Site 4 – Substation #814 – Bridgeport, CT

Bruce Pond – Bruce Pond is classified as a "SC/SB" surface water body.

Site 5 – Substation #867 – Milford, CT

Housatonic River – The Housatonic River is classified as a "SC/SB" surface water body.

Site 6 – Substation #964 – Milford, CT

Quirks Pond – Quirks Pond is classified by the CTDEP as an "A" surface water body. The Class "A" designation indicates an inland surface water body that is known or presumed to meet water quality criteria for fish and other aquatic life and wildlife habitat, potential drinking water supplies, recreation, industrial and agricultural supply, and other legitimate uses including navigation.

2.4 Groundwater

According the above-referenced CTDEP map, the CTDEP has designated groundwater beneath the sites and surrounding areas as the following:

Site 1 – Substation #513 SNEW Property – Norwalk, CT

"GA" – Groundwater of this classification is defined by the CT 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 CT DEP presumes that groundwater within a "GA" area is suitable for drinking or other domestic uses without treatment.

Site 2 – Substation #537 – Norwalk, CT

"GB" – Groundwater of this classification is considered by the CT DEP to be located within historically highly urbanized areas or areas of intense industrial activity and where public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills, or leaks of chemicals or land use impacts.

Site 3 – Substation #736 – Bridgeport, CT

"GB"

Site 4 – Substation #814 – Bridgeport, CT

"GB"

Site 5 – Substation #867 – Milford, CT

"GB"

Site 6 – Substation #964 – Milford, CT

"GA"

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

Sampling conducted during this Task 210 included the completion of 18 soil borings using a hand auger, and the collection and analysis of 18 so il characterization samples . The hand-augered soi l boring sampling locations are depicted on Figures 2A through 2F.

Soil characterization samples were collected at specific required soil volume frequencies for analysis of waste characterization parameters to allow potentially impacted soil that will require excavation to be pre-approved for off-site disposal, either at a Massachusetts landfill, Ted Ondrick Company, a Massachusetts asphalt batch plant, and/or Phoenix Soil, LLC, a thermal treatment facility located in Waterbury, Connecticut (Phoenix Soil). The waste characterization parameters are identified in Section 1.4, Scope of Work.

The following section summarizes the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Advancement and Sampling

On December 19, 2008, a total of 18 hand-augered soil borings, identified as 513-01 through 513-03, 537-01 through 537-03, 736-01 through 736-03, 814-01 through 814-03, 867-01 through 867-03, and 964-01 through 964-03, were advanced. The soil borings were completed to a maximum depth of 3 feet below existing grade.

The sampling equipment was decontaminated between soil samples by the DTC environmental scientist using Alconox® non-phosphorus detergent, triple rinsing with deionized water, and drying with a clean towel to prevent potential cross contamination between soil samples.

Soil samples collected during the completion of the borings were visually inspected and described by the DTC environmental scientist. The soils encountered generally consisted of brown fine to coarse sand and silt, including gravel and cobbles, and asphalt fragments.

Indications of minor to moderate environmental impacts (soil staining) were observed during the advancement of the 18 soil borings.

Eighteen discrete characterization samples were collected; three from each proposed electric traction substation site, for VOC and ETPH analysis. The samples were collected for every 100 cubic yards of potentially impacted soil, as required by Massachusetts asphalt batch plants.

The three discrete samples collected from each site were subsequently combined to form a composite characterization sample. These characterization samples were collected for every 250 cubic yards of potentially impacted soil, as required by Phoenix Soil. The six composite characterization samples (one for each site) were analyzed for PCBs by EPA Method 8082, total arsenic, cadmium, chromium, lead, and mercury, leachable lead by TCLP, total SVOCs by EPA Method 8270, ignitability (flashpoint), reactivity, total organic carbon (TOC), paint filter test – free liquids, specific conductance, and corrosivity (pH).

The samples were submitted to Spectrum Analytical, Inc. (Spectrum) of Agawam, Massachusetts, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

4.0 DISPOSAL FACILITY AND REGULATORY CRITERIA

The soil characterization data obtained during this investigation were compared to the specific numeric criteria listed in the selected ConnDOT-approved facilities' permit disposal criteria, including Massachusetts lined landfills, Phoenix Soil, LLC of Waterbury, Connecticut, and Ted Ondrick Company of Chicopee, MA. The facility disposal criteria are listed in Table 2.

DTC also compared the data to the current soil clean-up criteria listed in the Remediation Standard Regulations (RSRs), for the purpose of determining whether the electric traction substation construction projects would be identified as preliminary Areas of Environmental Concern (AEOCs), and evaluate which soils excavated from each site during construction would require the handling and disposal of Controlled Materials. The specific RSR criteria used for each of the substation sites are listed in Table 2.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA, AND IDENTIFIED PRELIMINARY AREAS OF ENVIRONMENTAL CONCERN

A total of twenty-four soil samples (18 discrete and 6 composite) were submitted for laboratory analysis as part of this Task 210 SSI. Soil samples submitted for laboratory analysis were analyzed for the parameters specified in Table 1. Soil analytical results are summarized in Table 2, along with the appropriate disposal facility and RSR criteria, and discussed below.

The preliminary AOECs and LLAOEC are identified in the attached Figures 2A through 2F.

The constituent concentrations detected in the soil characterization samples were compared to the RSR soil criteria. The subsurface soils at five of the six proposed electric traction substation sites, identified as #513 Norwalk, #537 Norwalk, #814 Bridgeport, #867 Milford and #964 Milford, were found to contain one or more constituents of concern, including ETPH, SVOCs, and/or RCRA 8 metals, exceeding the RSR criteria. Therefore, the project area of each of these five sites was identified as a preliminary Area of Environmental Concern (AEOC).

The remaining site, #736 Bridgeport, was impacted with low-level concentrations of ETPH, SVOCs, and RCRA 8 metals, that do not exceed the applicable RSR criteria. The project limit of this site was identified as a preliminary low-level area of environmental concern (LLAOEC).

Any soil excavated within the project limits of each of the six sites, which cannot be reused on-site, will require handling and disposal as Controlled Materials.

The source of these soil impacts appears to be incidental releases related to normal operation of the railroad, and/or placement of impacted fill.

Based on the soil characterization analytical data, the constituent concentrations in the soil from three of the six proposed substations, #513 Norwalk, #736 Bridgeport, and #964 Milford, meet the disposal criteria for Massachusetts lined landfills, Phoenix Soil, LLC of Waterbury, Connecticut, and Ted Ondrick Company of Chicopee, MA. Therefore, Controlled Materials generated from these three sites may be disposed at any of the above-referenced disposal facilities.

The constituent concentrations contained in the soil from the remaining three proposed substations, #537 Norwalk, #814 Bridgeport, and #867 Milford only meet the disposal criteria for Massachusetts lined landfills and Phoenix Soil. This is because the total organic carbon (TOC) and/or total arsenic concentrations exceeded the disposal criteria for Ted Ondrick Company. Therefore, Controlled Materials generated from these three sites may only be disposed of at Massachusetts lined landfills and Phoenix Soil.

The table on following page summarizes the disposal options for any excess soil generated from each of the sites.

Proposed Substation Site Soil Disposal Options

Site Number and Name	AOEC/LLAOEC Identified?	Constituent of Concern Exceeding RSR Criteria	Disposal Facility Authorized to Accept Soil
#513 Norwalk	Yes/AOEC	ETPH and metals	Chicopee, Ondrick, Phoenix
#537 Norwalk	Yes/AOEC	SVOCs and metals	Chicopee, Phoenix
#736 Bridgeport	Yes/LLAOEC	Low-Level ETPH, SVOCs, and RCRA 8 metals	Chicopee, Ondrick, Phoenix
#814 Bridgeport	Yes/AOEC	ETPH, SVOCs, and RCRA 8 metals	Chicopee, Phoenix
#867 Milford	Yes/AOEC	ETPH, SVOCs, and RCRA 8 metals	Chicopee, Phoenix
#964 Milford	Yes/AOEC	RCRA 8 metals	Chicopee, Ondrick, Phoenix

6.0 CONCLUSIONS AND RECOMMENDATIONS

DTC completed this Task 210 Subsurface Site Investigation (SSI) in accordance with DTC's Task Assignment Recommendation, dated October 16, 2008. The work scope included the collection of one in-situ soil characterization sample at each of the six proposed electric traction substation sites. The soil characterization sample results were compared to several ConnDOT-approved disposal facilities' permit disposal criteria, including Massachusetts lined landfills, Phoenix Soil, LLC of Waterbury, Connecticut, and Ted Ondrick Company of Chicopee, MA.

DTC also compared the data to the soil criteria in the RSRs, to determine whether the project areas of the electric traction substation construction projects would be identified as preliminary Areas of Environmental Concern (AEOCs) or Low-Level Areas of Concern (LLAOECs).

Based on the findings of the Task 210 SSI, DTC concludes the following:

- Five of the six proposed electric traction su bstation sites' project limits, identified as #513 Norwalk, #537 Norwalk, #814 Bridgeport, #867 Milford and #964 Milford, would be considered preliminary AOECs;
- The project limits of the sixth site, #736 Bridgeport, would be considered a preliminary LLAOEC;
- Excess soil generated at each site would require disposal at a ConnDOT-approved facility (see table in Section 5); and
- Based on the design plans available at the time of this report writing, it is unlikely that excavations will have to be performed below the water table.

Based on the results of this Task 210 Subsurface Site Investigation, DTC recommends that a Task 310 – Plans, Specifications, and Estimates be completed to provide plans and specifications for the proper management and disposal of contaminated materials (soil) that may be excavated, removed, handled, transported, or disposed during proposed construction activities, and for the establishment of appropriate worker health and safety protocols.

7.0 LIMITATIONS

All work product and reports provided in connection with the performance of this Task 210 Subsurface Site Investigation 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.

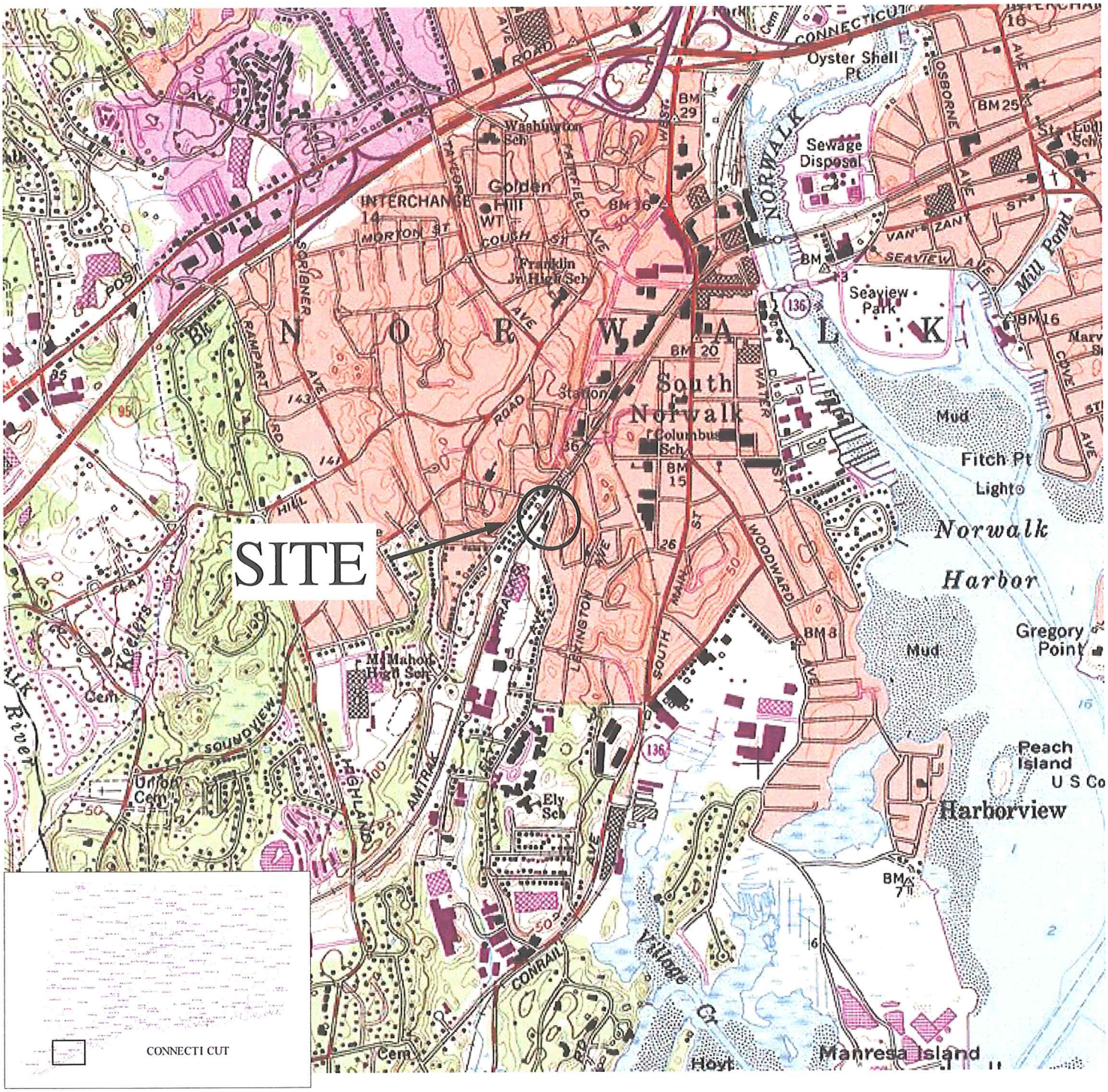
In completing this Task 210, DTC has relied upon information provided by subcontractors (i.e. analytical laboratories). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

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

8.0 REFERENCES

1. CTDEP Remediation Standard Regulations, Sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies, effective January 30, 1996;
2. CTDEP, Approved Criteria for Additional Polluting Substances, April 30, 1999;
3. CTDEP, Water Management Bureau, Proposed Revisions – Connecticut's Remediation Standard Regulations Volatilization Criteria, March 2003;
4. CTDEP, "Water Quality Classifications Map of the Housatonic River, Hudson River, and Southwest Coastal Basins," Sheet 3, adopted March 1999;
5. Connecticut Department of Transportation, Division of Environmental Compliance, On-Call Contaminated Soil/Groundwater Scopes manual, dated 2003;
6. DTC, Task 210, Subsurface Site Investigation – Proposed Wayside Substation Property, Dr. Martin Luther King Drive, Norwalk, CT, State Project #0301-0072, Assignment #302-3551, DTC Project # 03-273-42B, dated July 2008;
7. Rogers, J., 1985. Bedrock Geologic Map of Connecticut. State Geological and Natural History of Connecticut;
8. Stone, Janet Radway, Schafer, John P., London, Elizabeth Haley, and Thompson, Woodrow B. 1992. Surficial Materials Map of Connecticut. State Geological and Natural History of Connecticut; and
9. United States Geological Survey, Topographic Map, Norwalk South, Bridgeport, and Milford Connecticut Quadrangle, 1969, photorevised 1984.

FIGURES



USGS Quadrangle: Norwalk South

1 inch = 2,000 feet

Site Location Map

Proposed Wayside Substation Property

Substation 513 – SNEW Property

South Norwalk, Connecticut

DTC Project No. 03-273-42E

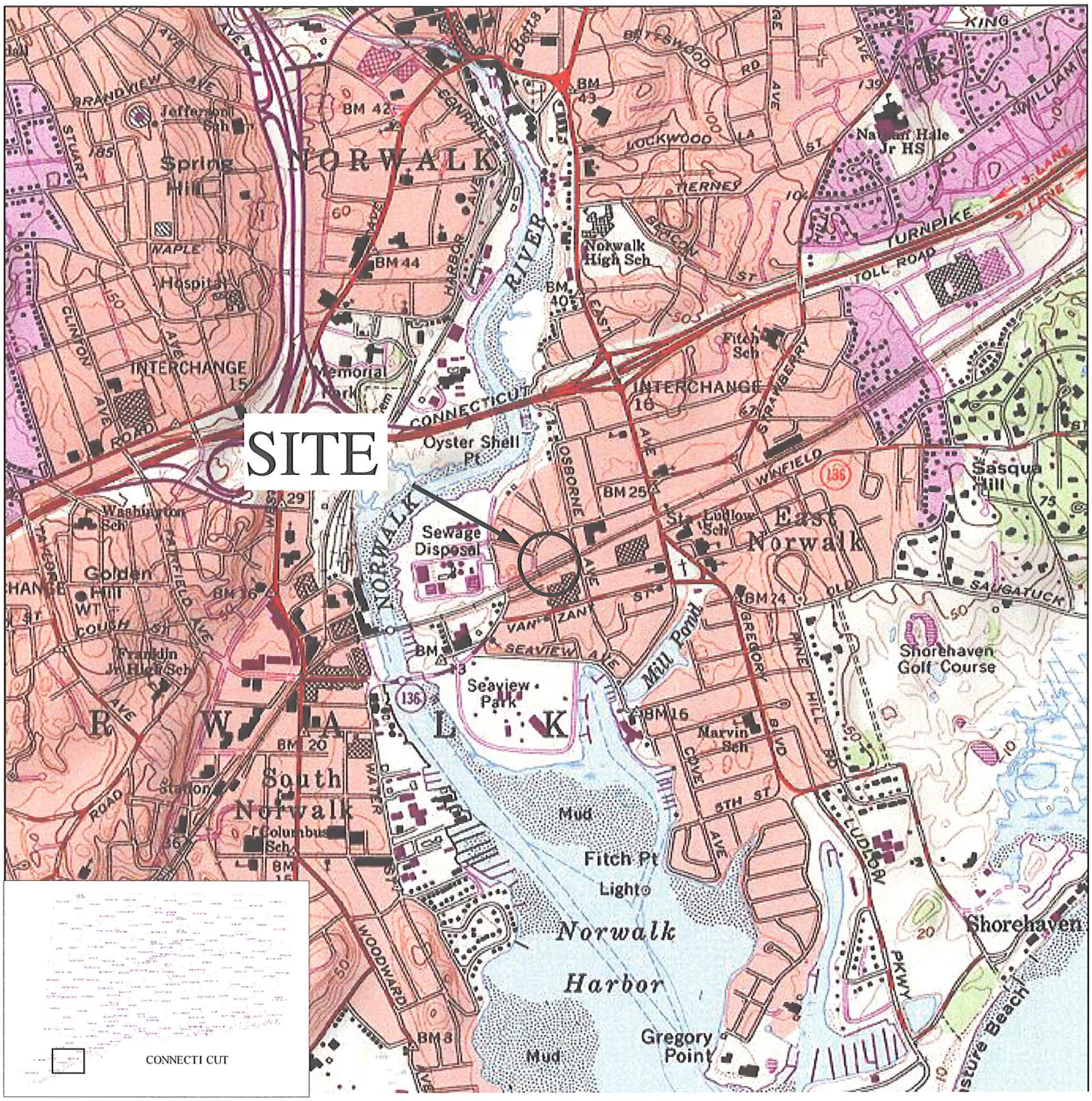
January 2009

Figure 1A

Diversified Technology Consultants

556 Washington Avenue North Haven CT 06473

Norwich, CT New Rochelle, NY Andover, MA



USGS Quadrangle: Norwalk South

1 inch = 2,000 feet

Site Location Map

Proposed Wayside Substation Property

East Norwalk #537

Norwalk, Connecticut

DTC Project No. 03-273-42E

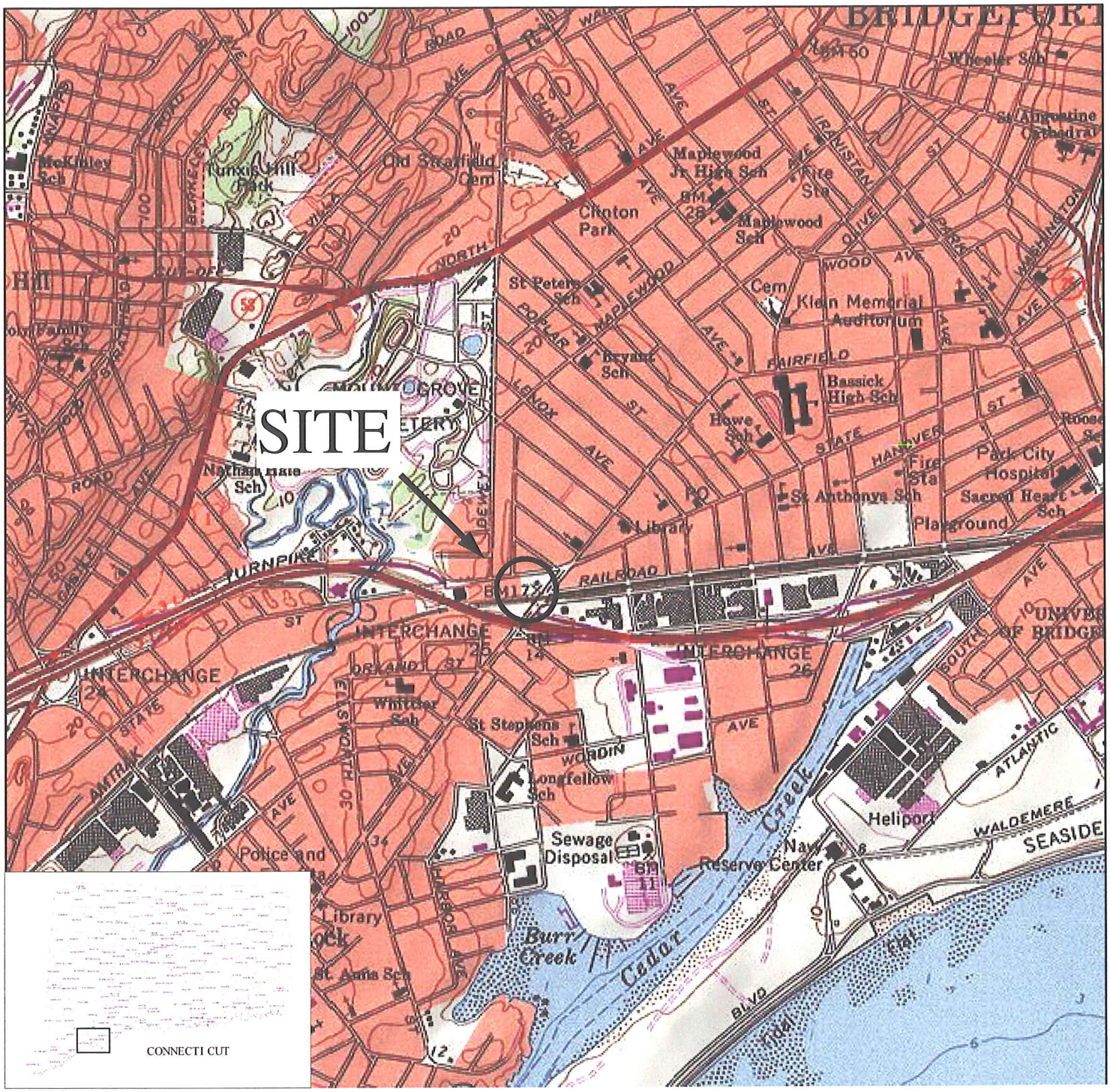
January 2009

Figure 1B

Diversified Technology Consultants

556 Washington Avenue North Haven CT 06473

Norwich, CT New Rochelle, NY Andover, MA



USGS Quadrangle: Bridgeport
1 inch = 2,000 feet

Site Location Map

Proposed Wayside Substation Property
Burr Road #736
Bridgeport, Connecticut

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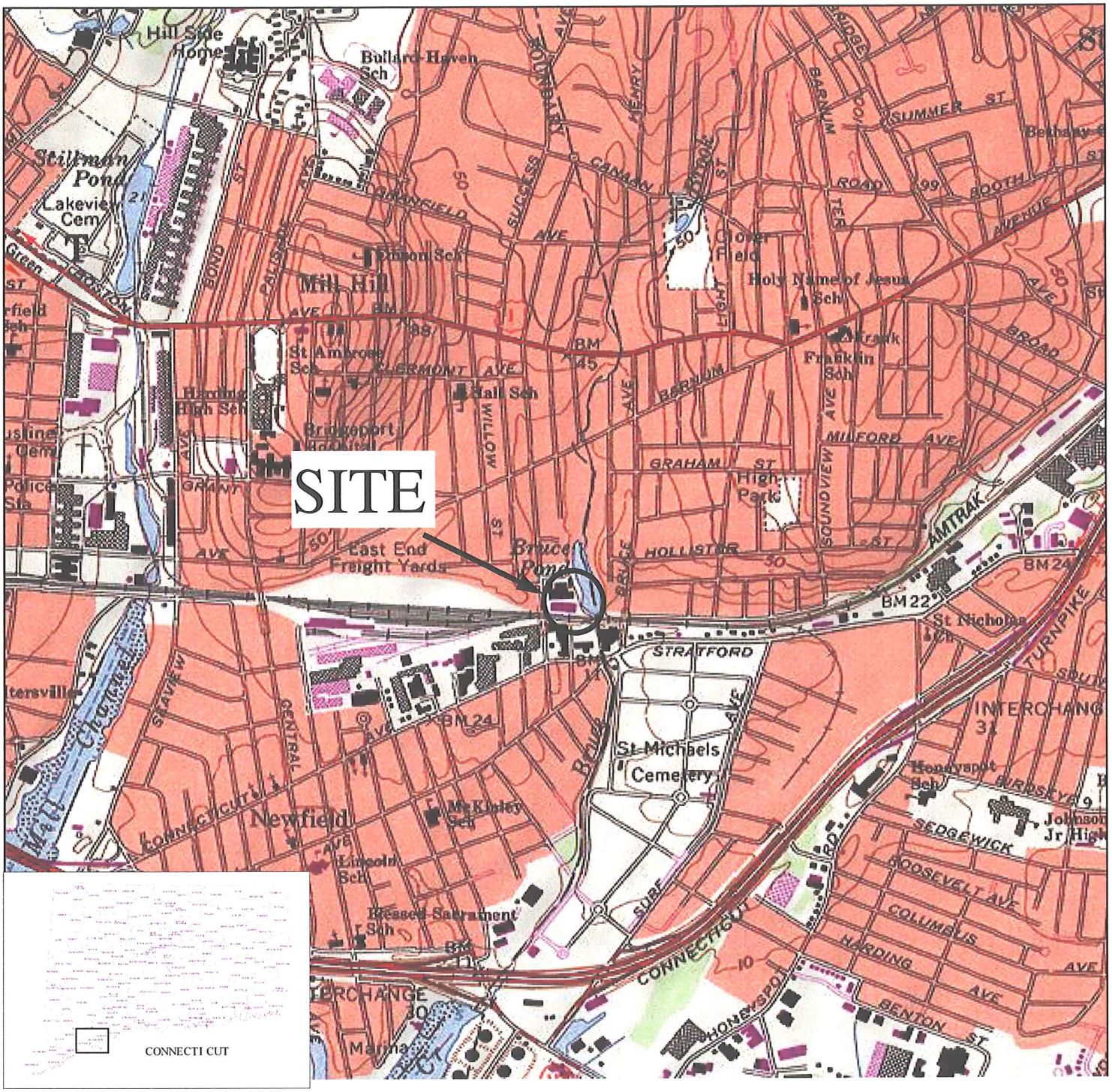
Figure 1C

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



USGS Quadrangle: Bridgeport
1 inch = 2,000 feet

Site Location Map

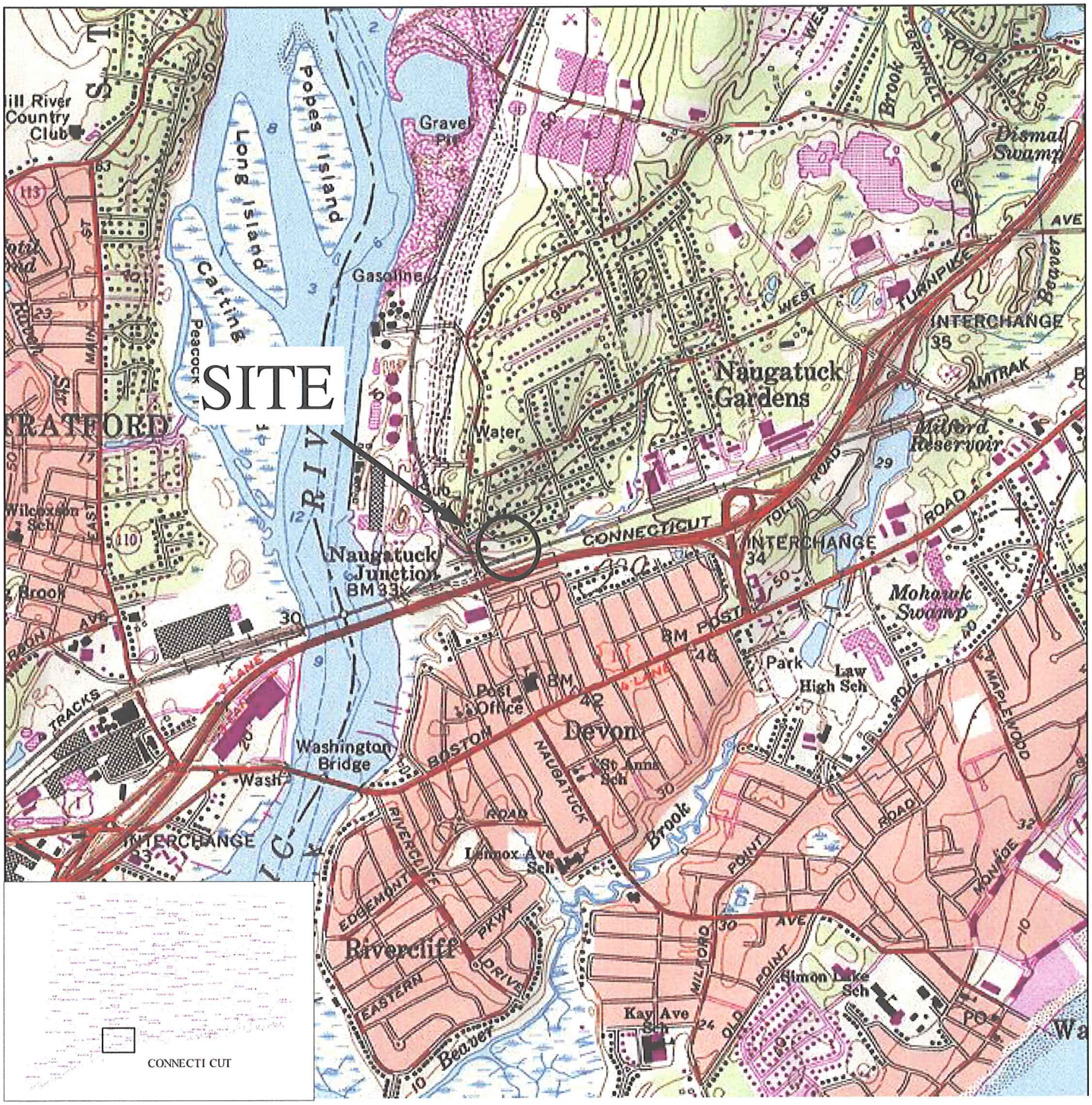
Proposed Wayside Substation Property
East Bridgeport #814
Bridgeport, Connecticut

DTC Project No. 03-273-42E

January 2009

Figure 1D

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



USGS Quadrangle: Milford

1 inch = 2,000 feet

Site Location Map

Proposed Wayside Substation Property

Devon #867

Milford, Connecticut

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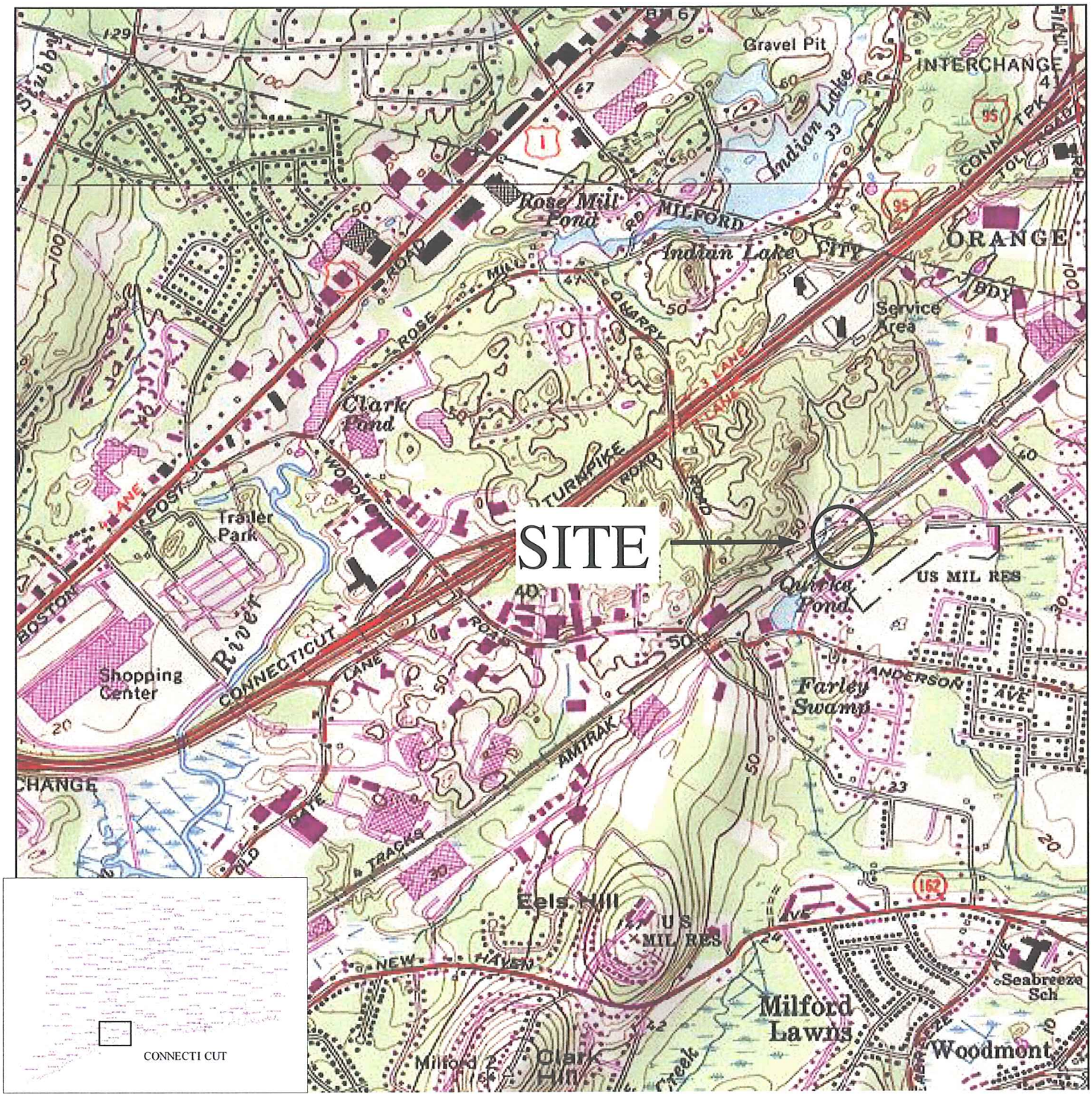
Figure 1E

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



USGS Quadrangle: Milford
1 inch = 2,000 feet

Site Location Map

Proposed Wayside Substation Property
Woodmont #964
Milford, Connecticut

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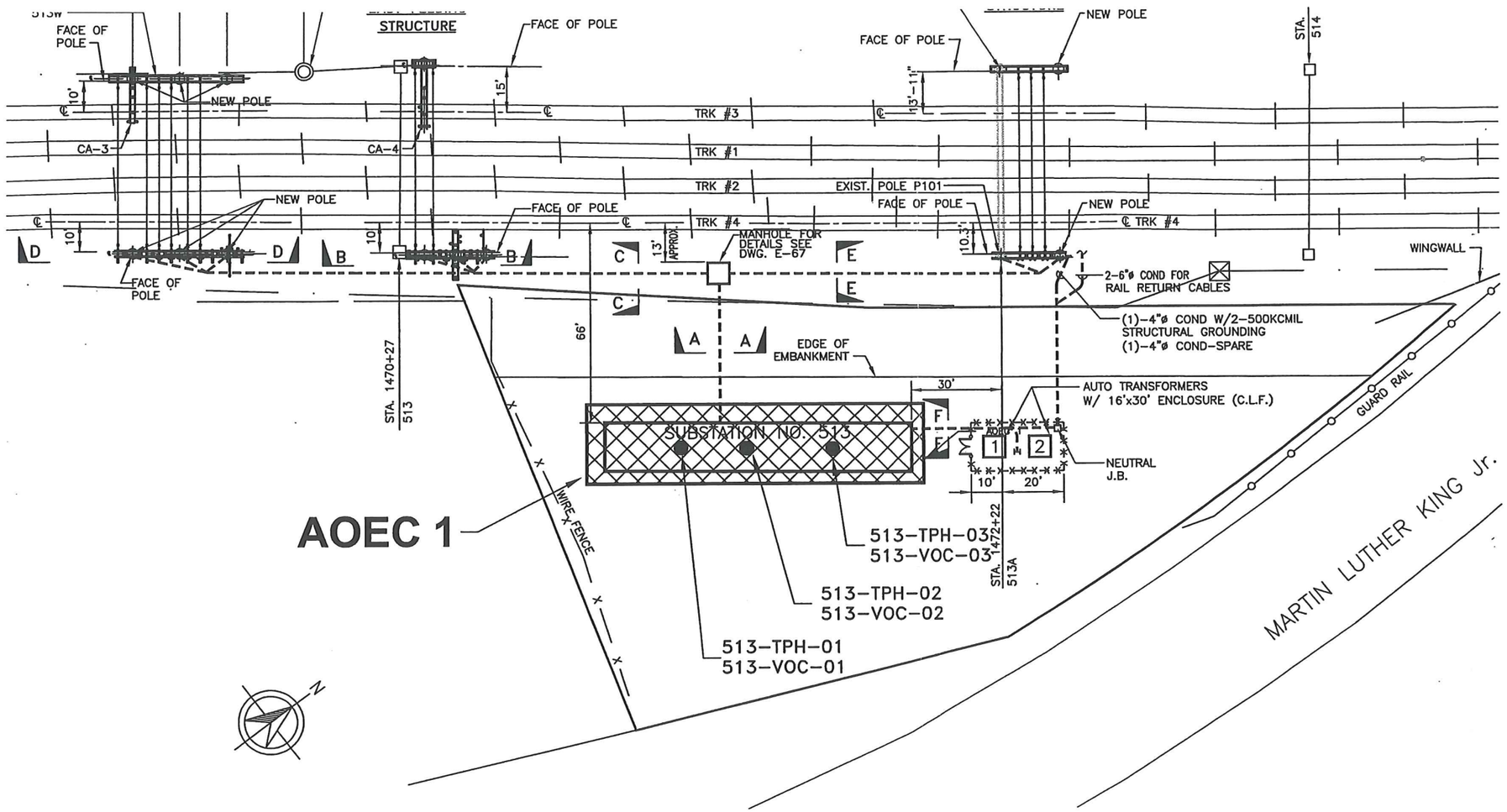
January 2009

Figure 1F

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



LEGEND

- ● DTC HAND AUGER LOCATIONS
- ▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN AOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\Task 210\E-37
SCALE: N.T.S. DRAWN BY: –
DATE: 1/2/09 CHECKED BY: ES/PD

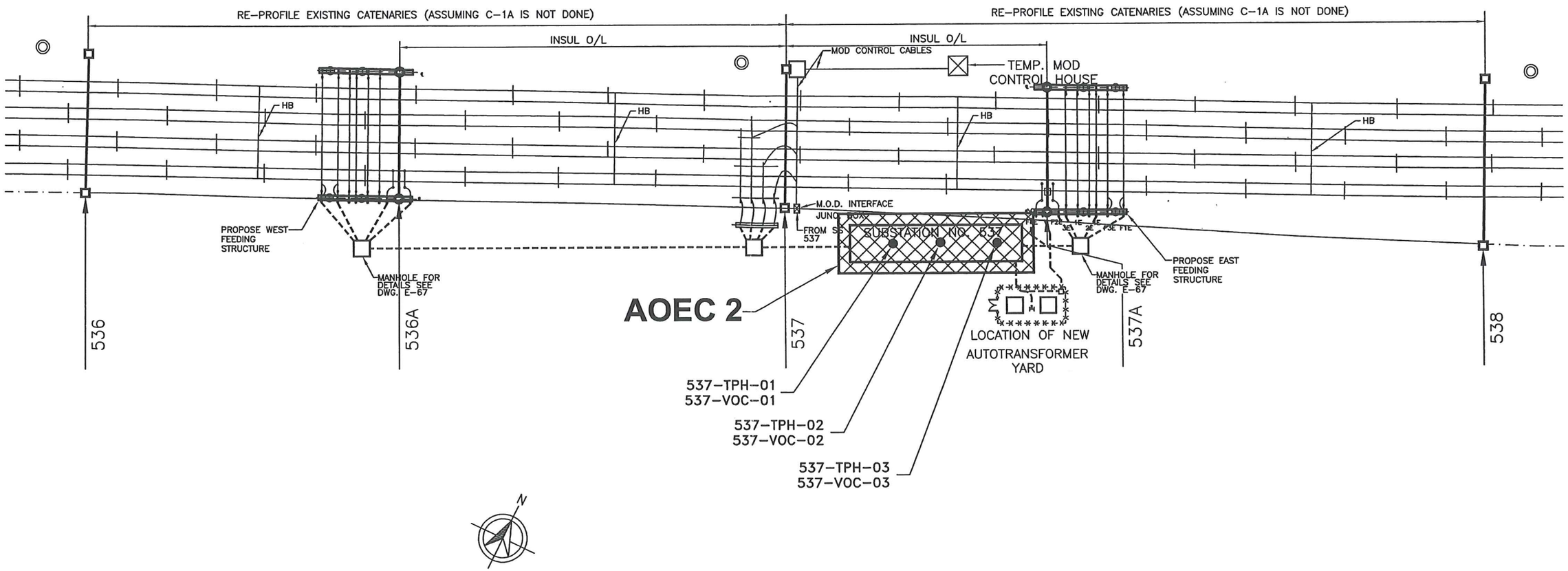
DIVERSIFIED TECHNOLOGY CONSULTANTS
518 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4203 203 234 7376 FAX

Soil Sampling Locations
and Identified Preliminsary AOECs

Site 1 - Substation #513 - Norwalk CT

Task 210 SSI
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk CONNECTICUT

FIGURE 2A



LEGEND

● DTC HAND AUGER LOCATIONS

▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN AOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\Task 210\E-537-1
SCALE: N.T.S. DRAWN BY: –
DATE: 1/2/09 CHECKED BY: ES/PD

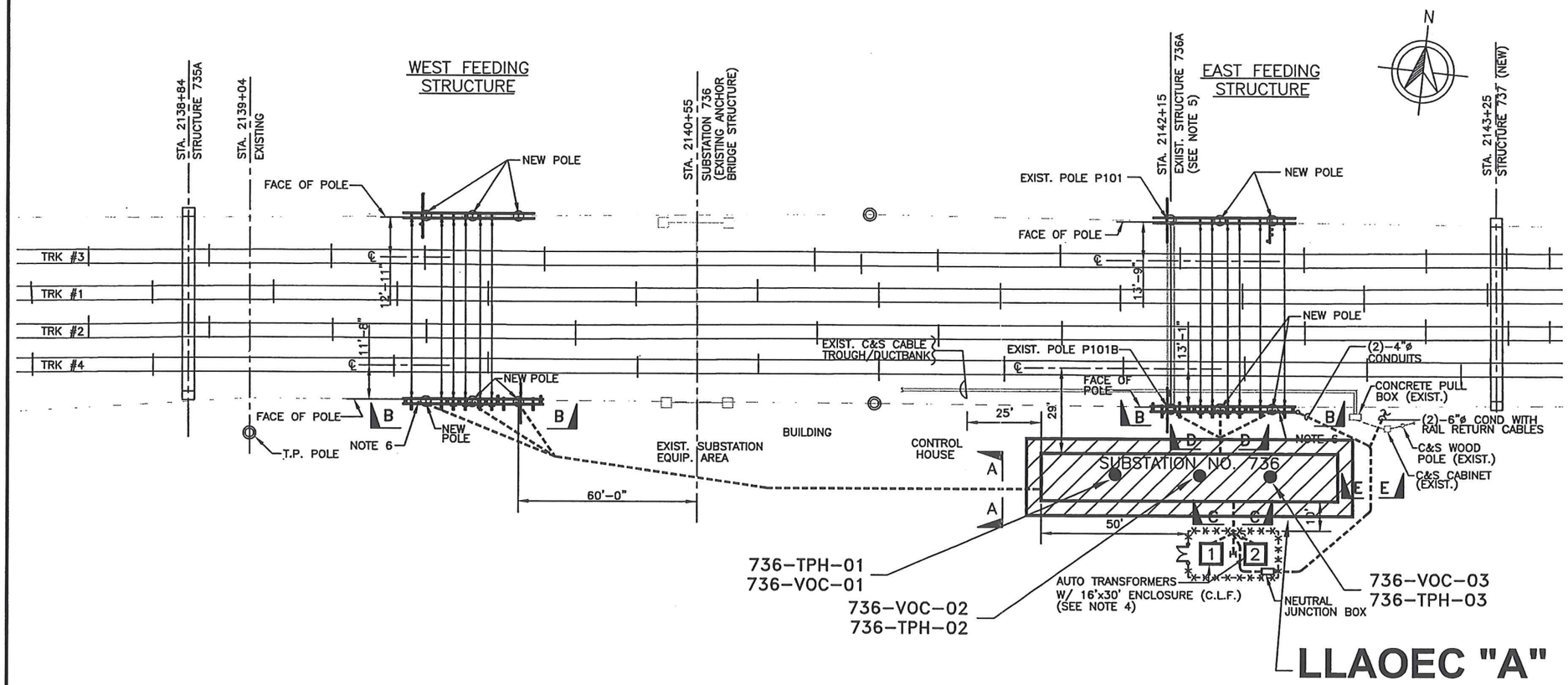
DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4250 203 234 7275 FAX

Soil Sampling Locations
and Identified Preliminary AOECs

Site 2 -Substation # 537- Norwalk CT

Task 210 SSI
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk CONNECTICUT

FIGURE 2B



LEGEND

● DTC HAND AUGER LOCATIONS

▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (LLAOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN LLAOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\Task 210\E-40
SCALE: N.T.S. DRAWN BY:
DATE: 1/2/09 CHECKED BY: ES/PD

DIVERSIFIED TECHNOLOGY CONSULTANTS
554 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4260 203 234 7376 FAX

Soil Sampling Locations and Identified Preliminary AOECs

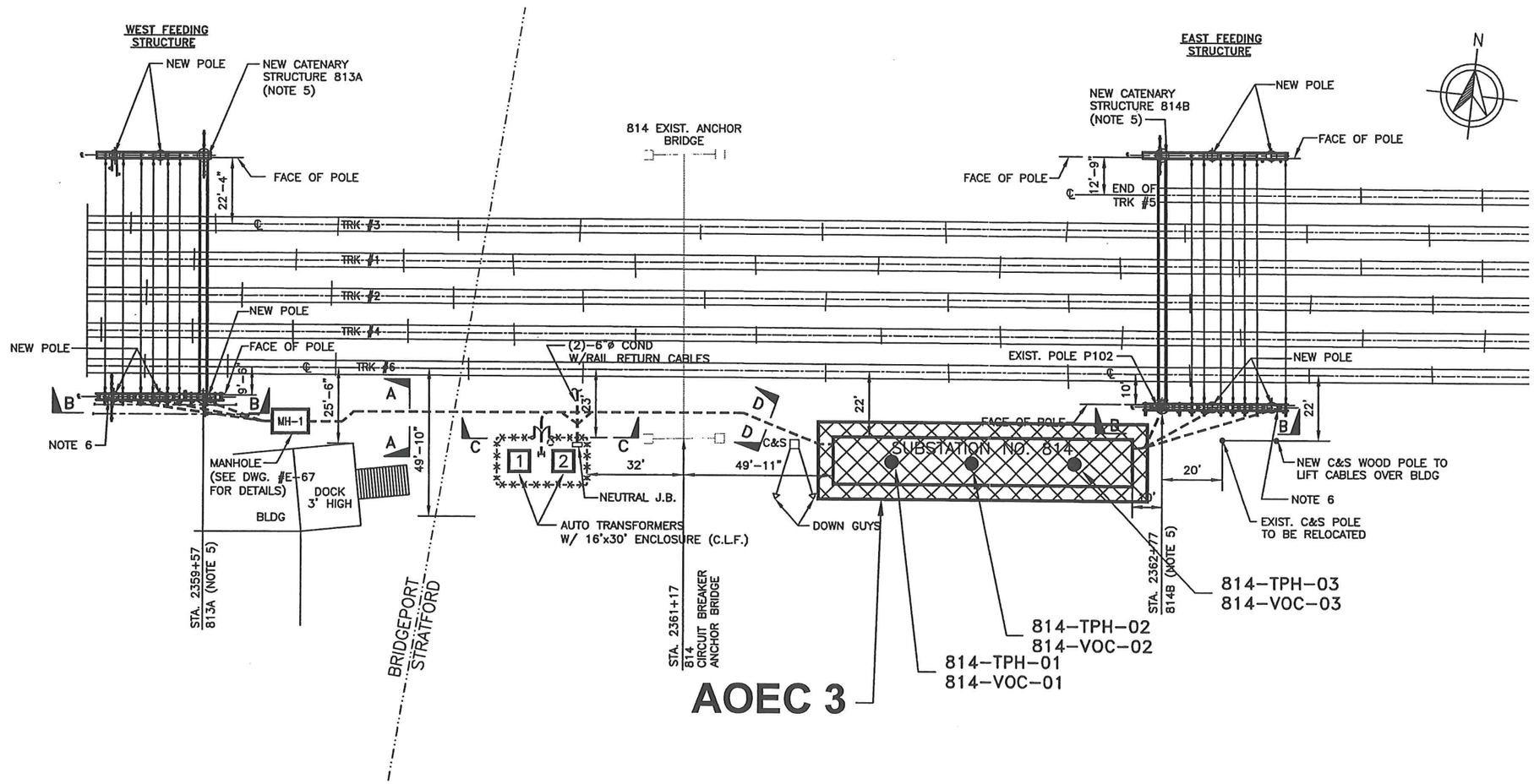
Site 3 - Substation #736 - Bridgeport CT

Task 210 SSI

Six Proposed Wayside Substation Parcels

Bridgeport, Milford, and Norwalk CONNECTICUT

FIGURE 2C



LEGEND

- ● DTC HAND AUGER LOCATIONS
- ▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN AOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\Task 210\E-39
SCALE: N.T.S. DRAWN BY: –
DATE: 1/2/09 CHECKED BY: ES/PD

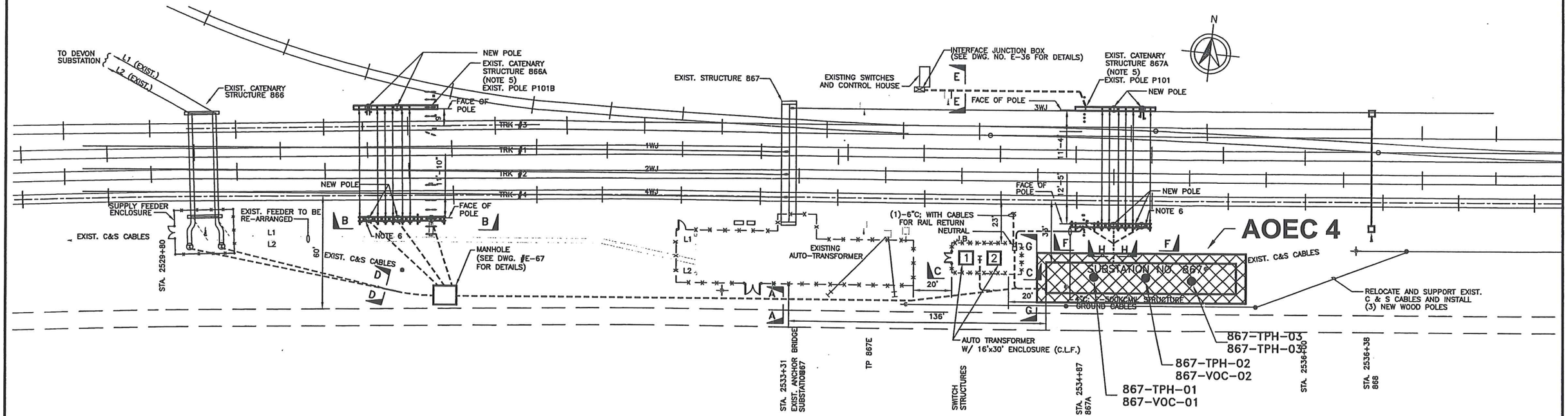
DIVERSIFIED TECHNOLOGY CONSULTANTS
558 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4200 203 234 7375 FAX

Soil Sampling Locations and Identified Preliminary AOECs

Site 4 - Substation # 814 Bridgeport CT

Task 210 SSI
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk CONNECTICUT

FIGURE 2D



LEGEND

● DTC HAND AUGER LOCATIONS

▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN AOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\Task 210\E-40
SCALE: N.T.S. DRAWN BY: --
DATE: 1/2/09 CHECKED BY: ES/PD

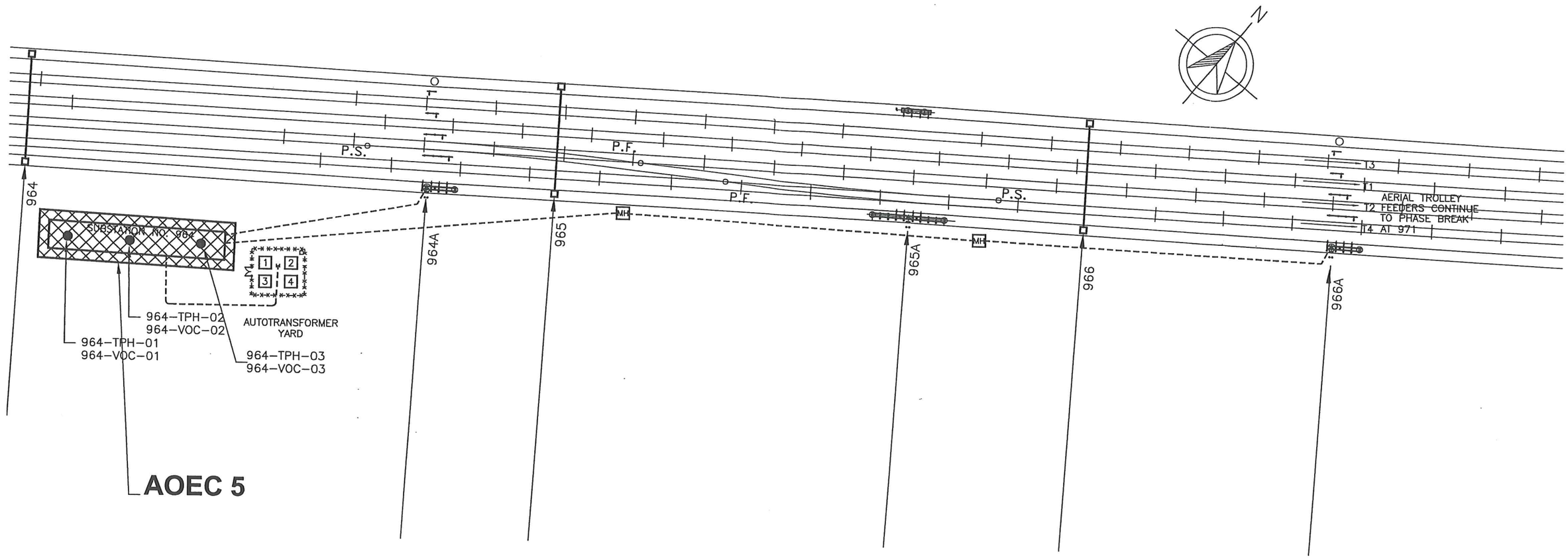
DIVERSIFIED TECHNOLOGY CONSULTANTS
558 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4260 203 234 7376 FAX

Soil Sampling Locations
and Identified Preliminary AOECs

Site 5 - Substation # 867 - Milford CT

Task 210 SSI
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk CONNECTICUT

FIGURE 2E



LEGEND

● DTC HAND AUGER LOCATIONS

▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NOTE:
UNDERGROUND CONDUIT EXCATION IS CONSIDERED WORK WITHIN AN AOEC

DTC PROJECT NUMBER: 03-273-42E
DTC DRAWING FILE: R:\03273\03273-42B NORWALK\TASK 210\E-964-1.DWG
SCALE: N.T.S DRAWN BY: --
DATE: 1/2/09 CHECKED BY: ES/PD

DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473
203 239 4205 203 234 7276 FAX

Soil Sampling Locations
and Identified Preliminary AOECs

Site 6 Substation # 964 - Milford CT

TASK 210 SSI

SIX PROPOSED WAYSIDE SUBSTATION PARCELS
BRIDGEPORT, MILFORD, AND NORWALK CONNECTICUT

FIGURE 2F

TABLES

TABLE 1

Sample Location Rationale and Selected Analyses

Task 210 - Subsurface Site Investigation
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk, Connecticut

Sample Identification	Sample Interval	Sample Location Rationale	Composite Parameters*	TPH**	VOCs by 8260**
Site No. 513		Within the proposed substation foundation	X		
513-TPH-01 / 513-VOC-01	0-3'			X	X
513-TPH-02 / 513-VOC-02	0-3'			X	X
513-TPH-03 / 513-VOC-03	0-3'			X	X
Site No. 537		Within the proposed substation foundation	X		
537-TPH-01 / 537-VOC-01	0-3'			X	X
537-TPH-02 / 537-VOC-02	0-3'			X	X
537-TPH-03 / 537-VOC-03	0-3'			X	X
Site No. 736		Within the proposed substation foundation	X		
736-TPH-01 / 736-VOC-01	0-3'			X	X
736-TPH-02 / 736-VOC-02	0-3'			X	X
736-TPH-03 / 736-VOC-03	0-3'			X	X
Site No. 814		Within the proposed substation foundation	X		
814-TPH-01 / 814-VOC-01	0-3'			X	X
814-TPH-02 / 814-VOC-02	0-3'			X	X
814-TPH-03 / 814-VOC-03	0-3'			X	X
Site No. 867		Within the proposed substation foundation	X		
867-TPH-01 / 867-VOC-01	0-3'			X	X
867-TPH-02 / 867-VOC-02	0-3'			X	X
867-TPH-03 / 867-VOC-03	0-3'			X	X
Site No. 964		Within the proposed substation foundation	X		
964-TPH-01 / 964-VOC-01	0-3'			X	X
964-TPH-02 / 964-VOC-02	0-3'			X	X
964-TPH-03 / 964-VOC-03	0-3'			X	X

* Composite Parameters include SVOCs by 8270, Total RCRA 8 Metals, TCLP Lead, PCBs, Total Organic Carbon, Reactivity, Corrosivity, Flashpoint, Free Liquids, and Conductivity.

** Discrete Parameters include TPH and VOCs.

TABLE 2

In-Situ Soil Characterization Sampling Analytical Results

Six Proposed Wayside Substation Parcels
Bridgeport, Milford, and Norwalk, CT

Analytes Detected	Disposal Facility Acceptance Criteria			RSR Criteria			Site No. 513 Norwalk "GA" 12/19/08	Site No. 537 Norwalk "GB" 12/19/08	Site No. 736 Bridgeport "GB" 12/19/08	Site No. 814 Bridgeport "GB" 12/19/08	Site No. 867 Milford "GB" 12/19/08	Site No. 964 Milford "GA" 12/19/08
	Lined Landfill*	Phoenix**	Ondrick***	RES DEC	GA PMC	GB PMC						
Total SVOCs by 8270 (mg/kg)	100	NA	NA				0.00	66.24	1.38	75.43	3.41	0.00
Benzo(a)anthracene				1	1	1	--	**5.55**	0.191	**7.57**	--	--
Benzo(a)pyrene				1	1	1	--	**3.3**	--	**5.22**	--	--
Benzo(b)fluoranthene				1	1	1	--	**4.22**	--	**6.69**	--	--
Benzo(g,h,i) perylene				1,000	4	42	--	1.65	--	3.05	--	--
Benzo (k) flouranthene				8.4	1	1	--	**3.25**	--	**4.97**	--	--

Notes:
NA = not applicable.
-- = compound not dectected. Analytical detection limits listed in analytical reports.
* Massachusetts Lined Landfill (i.e. Chicopee Sanitary Lanfill, Chicopee, MA, or South Hadley Landfill, LLC, South Hadley, MA).
** Phoenix Soil, LLC Thermal Treatment Facility, Waterbury, CT.
*** Ted Ondrick Company, Inc., Chicopee, MA, asphalt batch plant.
mg/kg = milligrams per kilogram, ug/kg = micrograms per kilogram, mg/l = milligrams per liter.
TCLP - Toxic Characteristic Leaching Procedure.
VOCs - Volatile Organic Compounds.
ETPH = Total Petroleum Hydrocarbons (CTDEP Method).
SVOCs = Semi-Volatile Organic Compounds
PCBs = Polychlorinated Biphenyls.
"GA"/"GB" = CTDEP Groundwater Quality Classification
GA PMC = GA Pollutant Mobility Criteria
GB PMC = GB Pollutant Mobility Criteria
Soil Samples analyzed for ETPH and VOCs were grab samlples. Remaining anaalytes were analyzed from composite samples.
Bold values indicate RSR criteria exceedance.
Bold and shaded values indicate an exceedance of the Facility Acceptance Criteria.

APPENDIX A

Pertinent Site Photographs

PHOTO 1
October 31, 2008

Site 1 – Substation #513 SNEW Property, Norwalk, CT.

PHOTO 2
October 31, 2008

Site 2 – Substation #537, Norwalk, CT.

ENGINEERED SOLUTIONS
dtc
LAND STRUCTURES WATER
DIVERSIFIED TECHNOLOGY CONSULTANTS
556 WASHINGTON AVENUE NORTH HAVEN CT 06473 203 239 4200 203 234 7376 FAX

DTC No. 03-273-42E
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, Norwalk, CT

PLATE 1

PHOTO 3
October 31, 2008

Site 3 – Substation #736, Bridgeport, CT.

PHOTO 4
October 31, 2008

Site 4 – Substation #814, Bridgeport, CT.

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

DTC No. 03-273-42E
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, Norwalk, CT

PLATE 2

PHOTO 5
October 31, 2008

Site 5 – Substation #867, Milford, CT.

PHOTO 6
October 31, 2008

Site 6 – Substation #964, Milford, CT.

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DTC No. 03-273-42E
Six Proposed Wayside Substation Parcels
Bridgeport, Milford, Norwalk, CT

PLATE 3

APPENDIX B

Characterization Soil Sample Analytical Laboratory Reports

Report Date:
29-Dec-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: Paul Dalakas

Project: Substation Parcels, CT
Project 03-273-42E

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA89142-01	Site No. 513	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-02	513-TPH-01	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-03	513-TPH-02	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-04	513-TPH-03	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-05	513-VOC-01	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-06	513-VOC-02	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-07	513-VOC-03	Soil	19-Dec-08 09:00	22-Dec-08 14:16
SA89142-08	Site No. 537	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-09	537-TPH-01	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-10	537-TPH-02	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-11	537-TPH-03	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-12	537-VOC-01	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-13	537-VOC-02	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-14	537-VOC-03	Soil	19-Dec-08 10:00	22-Dec-08 14:16
SA89142-15	Site No. 736	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-16	736-TPH-01	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-17	736-TPH-02	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-18	736-TPH-03	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-19	736-VOC-01	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-20	736-VOC-02	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-21	736-VOC-03	Soil	19-Dec-08 10:45	22-Dec-08 14:16
SA89142-22	Site No. 814	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-23	814-TPH-01	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-24	814-TPH-02	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-25	814-TPH-03	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-26	814-VOC-01	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-27	814-VOC-02	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-28	814-VOC-03	Soil	19-Dec-08 11:30	22-Dec-08 14:16
SA89142-29	Site No. 867	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-30	867-TPH-01	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-31	867-TPH-02	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-32	867-TPH-03	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-33	867-VOC-01	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-34	867-VOC-02	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-35	867-VOC-03	Soil	19-Dec-08 12:20	22-Dec-08 14:16
SA89142-36	Site No. 964	Soil	19-Dec-08 13:00	22-Dec-08 14:16
SA89142-37	964-TPH-01	Soil	19-Dec-08 13:00	22-Dec-08 14:16
SA89142-38	964-TPH-02	Soil	19-Dec-08 13:00	22-Dec-08 14:16
SA89142-39	964-TPH-03	Soil	19-Dec-08 13:00	22-Dec-08 14:16
SA89142-40	964-VOC-01	Soil	19-Dec-08 13:00	22-Dec-08 14:16
SA89142-41	964-VOC-02	Soil	19-Dec-08 13:00	22-Dec-08 14:16

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA89142-42	964-VOC-03	Soil	19-Dec-08 13:00	22-Dec-08 14:16

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.

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 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 114 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

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CASE NARRATIVE:

The samples were received 1.2 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.

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

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

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

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

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

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

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

SW846 1311/6010B

Duplicates:

8121761-DUP1 *Source: SA89090-01*

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

Lead

SW846 7471A

Duplicates:

8121725-DUP1 *Source: SA89142-01*

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

Mercury

SW846 8260B

Laboratory Control Samples:

8121849-BSD1

Analyte out of acceptance range.

Chloromethane

SW846 8260B

Spikes:

8121900-MSD1 *Source: SA89114-07*

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

Chlorobenzene

Samples:

SA89142-05 *513-VOC-01*

The VOC 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.

SA89142-06 *513-VOC-02*

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

SA89142-07 *513-VOC-03*

The VOC 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.

SA89142-19 *736-VOC-01*

The VOC 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.

SA89142-26 *814-VOC-01*

The VOC 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.

SA89142-28 *814-VOC-03*

The VOC 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.

SA89142-34 *867-VOC-02*

The VOC 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.

SA89142-40 *964-VOC-01*

The VOC 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.

SA89142-41 *964-VOC-02*

The VOC 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.

SA89142-42 *964-VOC-03*

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

SW846 8270C

SW846 8270C

Laboratory Control Samples:

8121750-BS1

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

Aniline

Samples:

SA89142-01 *Site No. 513*

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

2,4,6-Tribromophenol
2-Fluorobiphenyl
Nitrobenzene-d5

The Reporting Limit has been raised to account for matrix interference.

SA89142-22 *Site No. 814*

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

Nitrobenzene-d5

SW846 9045C

SW846 9045C

Samples:

SA89142-01 *Site No. 513*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SA89142-08 *Site No. 537*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SA89142-15 *Site No. 736*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SA89142-22 *Site No. 814*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SA89142-29 *Site No. 867*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SA89142-36 *Site No. 964*

The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.

pH

SW846 9060

Laboratory Control Samples:

8121769-SRM1

This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 23.24.

Total Organic Carbon

Duplicates:

8121769-DUP1 *Source: SA89027-02*

This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 98.42.

Total Organic Carbon

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 513	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08
SA89142-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R01								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1880	20	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1880	20	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1880	20	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1880	20	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1880	20	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1880	20	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1880	20	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1880	20	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1880	20	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1880	20	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1880	20	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1880	20	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1880	20	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1880	20	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1880	20	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1880	20	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1880	20	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1880	20	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1880	20	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1880	20	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1880	20	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1880	20	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	1880	20	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1880	20	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1880	20	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1880	20	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1880	20	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1880	20	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1880	20	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	1880	20	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1880	20	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1880	20	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1880	20	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1880	20	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1880	20	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 513 SA89142-01	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R01								
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1880	20	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	1880	20	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1880	20	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1880	20	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1880	20	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1880	20	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7510	20	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7510	20	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1880	20	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1880	20	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1880	20	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	1880	20	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	1880	20	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1880	20	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1880	20	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1880	20	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*26*	S06	*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*17*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*18*	S06	*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*40*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*2*	S06	*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.8	1	SW846 8082	23-Dec-08	23-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	PCB 1254	22.5		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 513 SA89142-01	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	2.65		mg/kg dry	1.62	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	66.0		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	0.973		mg/kg dry	0.541	1	"	"	"	"	X
7440-47-3	Chromium	19.3		mg/kg dry	1.08	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	0.0986		mg/kg dry	0.0330	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	50.8		mg/kg dry	1.62	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	2.22		mg/kg dry	1.62	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.0576		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	86.6		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121722	
	Specific Conductance (EC)	28.2		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	13,600	TOCc	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	7.18	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	24.9	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-TPH-01 SA89142-02	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	151	5	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	151	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	151	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	151	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	151	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	151	5	"	"	"	"	
	Unidentified	819		mg/kg dry	151	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	151	5	"	"	"	"	
	Total Petroleum Hydrocarbons	819		mg/kg dry	151	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	819		mg/kg dry	151	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121722	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-TPH-02 SA89142-03	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	148	5	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	148	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	148	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	148	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	148	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	148	5	"	"	"	"	
	Unidentified	781		mg/kg dry	148	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	148	5	"	"	"	"	
	Total Petroleum Hydrocarbons	781		mg/kg dry	148	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	781		mg/kg dry	148	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.6		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121722	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-TPH-03 SA89142-04	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	147	5	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	147	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	147	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	147	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	147	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	147	5	"	"	"	"	
	Unidentified	792		mg/kg dry	147	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	147	5	"	"	"	"	
	Total Petroleum Hydrocarbons	792		mg/kg dry	147	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	792		mg/kg dry	147	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.4		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121722	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-01 SA89142-05	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 8.81 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.9	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
67-64-1	Acetone	BRL		µg/kg dry	38.8	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	38.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	"	"	"	"	X
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 (Freon12)	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	38.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	38.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	38.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.9	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-01 SA89142-05	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 8.81 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.9	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.9	1	"	"	"	"	X
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	38.8	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	38.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	77.6	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*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.3		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-02	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08
SA89142-06				

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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 12.9 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	70.7	50	SW846 8260B	26-Dec-08	26-Dec-08	8121900	X
67-64-1	Acetone	BRL		µg/kg dry	707	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	70.7	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	70.7	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	141	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	707	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	354	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	141	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	70.7	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	141	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	141	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	70.7	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	141	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	707	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	707	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	707	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	70.7	50	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-02 SA89142-06	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 12.9 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	70.7	50	SW846 8260B	26-Dec-08	26-Dec-08	8121900	X
100-42-5	Styrene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	70.7	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	70.7	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	70.7	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	141	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	70.7	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	707	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	70.7	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	70.7	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	70.7	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	70.7	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	707	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1410	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	354	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	28300	50	"	"	"	"	
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*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*93*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.6		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-03 SA89142-07	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.32 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
67-64-1	Acetone	BRL		µg/kg dry	45.2	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	45.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.6	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	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
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 (Freon12)	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	45.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	45.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	45.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
513-VOC-03 SA89142-07	03-273-42E	Soil	19-Dec-08 09:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.32 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	X
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	45.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	45.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	90.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1810	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.4		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 537 SA89142-08	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	952	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	952	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	952	5	"	"	"	"	X
120-12-7	Anthracene	954		µg/kg dry	952	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	952	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	952	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	952	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	5,550		µg/kg dry	952	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	3,300		µg/kg dry	952	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	4,220		µg/kg dry	952	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	1,650		µg/kg dry	952	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	3,250		µg/kg dry	952	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	952	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	952	5	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	952	5	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	952	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	952	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	952	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	952	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	952	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	952	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	952	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	952	5	"	"	"	"	X
218-01-9	Chrysene	6,000		µg/kg dry	952	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	952	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	952	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	952	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	952	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	952	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	952	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	952	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	952	5	"	"	"	"	X
206-44-0	Fluoranthene	16,700		µg/kg dry	952	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	952	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	952	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	952	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	952	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	2,000		µg/kg dry	952	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 537 SA89142-08	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	952	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	952	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	952	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	952	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	952	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	952	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	952	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	952	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3810	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3810	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	952	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	952	5	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	952	5	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
85-01-8	Phenanthrene	6,170		µg/kg dry	952	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	952	5	"	"	"	"	X
129-00-0	Pyrene	17,400		µg/kg dry	952	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	952	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	952	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	952	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*52*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*49*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*40*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.1	1	SW846 8082	23-Dec-08	24-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	23.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 537 SA89142-08	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	32.8		mg/kg dry	1.69	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	74.9		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	0.975		mg/kg dry	0.563	1	"	"	"	"	X
7440-47-3	Chromium	15.4		mg/kg dry	1.13	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	0.602		mg/kg dry	0.0335	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	286		mg/kg dry	1.69	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	2.51		mg/kg dry	1.69	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.654		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	85.6		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	
	Specific Conductance (EC)	8.65		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	203,000	TOCa	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	7.57	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	24.9	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-TPH-01 SA89142-09	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.0	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.0	1	"	"	"	"	
	Unidentified	124		mg/kg dry	31.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	31.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	124		mg/kg dry	31.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	124		mg/kg dry	31.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*83*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-TPH-02 SA89142-10	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.3	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
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	194		mg/kg dry	30.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	194		mg/kg dry	30.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	194		mg/kg dry	30.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.6		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-TPH-03 SA89142-11	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.6	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.6	1	"	"	"	"	
	Unidentified	181		mg/kg dry	31.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	31.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	181		mg/kg dry	31.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	181		mg/kg dry	31.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-VOC-01 SA89142-12	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.94 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.0	1	SW846 8260B	24-Dec-08	24-Dec-08	8121849	X
67-64-1	Acetone	BRL		µg/kg dry	60.5	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
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	12.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.2	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	12.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.1	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	"	"	"	"	X
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	12.1	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
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	60.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	60.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.0	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-VOC-01 SA89142-12	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.94 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	SW846 8260B	24-Dec-08	24-Dec-08	8121849	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.5	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	60.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	121	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	30.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2420	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*82*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*88*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-VOC-02	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08
SA89142-13				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.66 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2500	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.6		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-VOC-03 SA89142-14	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.41 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
67-64-1	Acetone	BRL		µg/kg dry	65.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
537-VOC-03 SA89142-14	03-273-42E	Soil	19-Dec-08 10:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.41 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	131	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2620	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 736 SA89142-15	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	191	1	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	191	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	191	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	191	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	191	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	191	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	191	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	191		µg/kg dry	191	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	191	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	191	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	191	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	191	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	191	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	191	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	191	1	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	191	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	191	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	205		µg/kg dry	191	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	191	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	191	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	191	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	191	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	191	1	"	"	"	"	X
218-01-9	Chrysene	211		µg/kg dry	191	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	191	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	191	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	191	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	191	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	191	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	191	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	191	1	"	"	"	"	X
206-44-0	Fluoranthene	293		µg/kg dry	191	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	191	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	191	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	191	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	191	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	191	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 736 SA89142-15	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	191	1	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	191	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	191	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	191	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	191	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	191	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	191	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	764	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	764	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	191	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	191	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	191	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	191	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	191	1	"	"	"	"	X
129-00-0	Pyrene	479		µg/kg dry	191	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	191	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	191	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	191	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*70*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*110*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*70*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.8	1	SW846 8082	23-Dec-08	24-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.58	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 736 SA89142-15	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	2.54		mg/kg dry	1.58	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	40.0		mg/kg dry	1.05	1	"	"	"	"	X
7440-43-9	Cadmium	1.25		mg/kg dry	0.526	1	"	"	"	"	X
7440-47-3	Chromium	8.07		mg/kg dry	1.05	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	0.177		mg/kg dry	0.0320	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	46.2		mg/kg dry	1.58	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	3.01		mg/kg dry	1.58	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.124		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	85.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	
	Specific Conductance (EC)	15.0		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	30,200	TOCe	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	7.20	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	24.8	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-TPH-01 SA89142-16	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.0	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-TPH-02 SA89142-17	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.9	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.9	1	"	"	"	"	
	Unidentified	124		mg/kg dry	30.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	124		mg/kg dry	30.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	124		mg/kg dry	30.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.2		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-TPH-03	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08
SA89142-18				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
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	23-Dec-08	29-Dec-08	8121749	
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	144		mg/kg dry	30.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	144		mg/kg dry	30.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	144		mg/kg dry	30.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.0		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-01 SA89142-19	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.87 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.2	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
67-64-1	Acetone	BRL		µg/kg dry	41.6	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
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	8.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	41.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.8	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	8.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.3	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.2	1	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	8.3	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	41.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
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	41.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	41.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.2	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-01 SA89142-19	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.87 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.2	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
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	"	"	"	"	X
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	"	"	"	"	X
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	8.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	41.6	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	41.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	83.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1660	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*92*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.3		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-02 SA89142-20	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.49 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
67-64-1	Acetone	BRL		µg/kg dry	75.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.7	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-02 SA89142-20	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.49 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW846 8260B	23-Dec-08	23-Dec-08	8121763	X
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.7	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3020	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.2		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-03 SA89142-21	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.19 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.3	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	52.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.3	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.4	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	52.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.3	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
736-VOC-03 SA89142-21	03-273-42E	Soil	19-Dec-08 10:45	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.19 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.3	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
100-42-5	Styrene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.3	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.3	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.3	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.3	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.3	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	106	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.4	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2110	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*89*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	88.0		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 814 SA89142-22	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1000	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1000	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1000	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1000	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1000	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1000	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1000	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	7,570		µg/kg dry	1000	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	5,220		µg/kg dry	1000	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	6,690		µg/kg dry	1000	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	3,050		µg/kg dry	1000	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	4,970		µg/kg dry	1000	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1000	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1000	5	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1000	5	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1000	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1000	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1000	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1000	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1000	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1000	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1000	5	"	"	"	"	X
218-01-9	Chrysene	7,430		µg/kg dry	1000	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1000	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1000	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1000	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1000	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1000	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1000	5	"	"	"	"	X
206-44-0	Fluoranthene	14,800		µg/kg dry	1000	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1000	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1000	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1000	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1000	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	3,580		µg/kg dry	1000	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 814 SA89142-22	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1000	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	1000	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1000	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1000	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1000	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1000	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	4010	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	4010	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1000	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1000	5	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1000	5	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
85-01-8	Phenanthrene	2,820		µg/kg dry	1000	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
129-00-0	Pyrene	19,300		µg/kg dry	1000	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1000	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1000	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1000	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*33*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*33*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*29*	S06	*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*25*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*51*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*30*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	24.1	1	SW846 8082	23-Dec-08	24-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	24.1	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	24.1	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	24.1	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	24.1	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	2.35		mg/kg dry	1.72	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 814 SA89142-22	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	16.3		mg/kg dry	1.72	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	73.4		mg/kg dry	1.14	1	"	"	"	"	X
7440-43-9	Cadmium	3.16		mg/kg dry	0.572	1	"	"	"	"	X
7440-47-3	Chromium	38.7		mg/kg dry	1.14	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	1.21		mg/kg dry	0.0336	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	538		mg/kg dry	1.72	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	2.90		mg/kg dry	1.72	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.338		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	81.9		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	
	Specific Conductance (EC)	14.1		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	161,000	TOCd	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	7.23	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	24.8	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-TPH-01 SA89142-23	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	151	5	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	151	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	151	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	151	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	151	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	151	5	"	"	"	"	
	Unidentified	2,170		mg/kg dry	151	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	151	5	"	"	"	"	
	Total Petroleum Hydrocarbons	2,170		mg/kg dry	151	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	2,170		mg/kg dry	151	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.9		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-TPH-02 SA89142-24	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	159	5	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	159	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	159	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	159	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	159	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	159	5	"	"	"	"	
	Unidentified	2,050		mg/kg dry	159	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	159	5	"	"	"	"	
	Total Petroleum Hydrocarbons	2,050		mg/kg dry	159	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	2,050		mg/kg dry	159	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	81.0		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-TPH-03 SA89142-25	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	63.3	2	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	63.3	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	63.3	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	63.3	2	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	63.3	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	63.3	2	"	"	"	"	
	Unidentified	1,060		mg/kg dry	63.3	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	63.3	2	"	"	"	"	
	Total Petroleum Hydrocarbons	1,060		mg/kg dry	63.3	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,060		mg/kg dry	63.3	2	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-01 SA89142-26	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.23 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	49.7	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
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	9.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.8	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	9.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.9	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	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	9.9	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
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	49.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-01 SA89142-26	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.23 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.0	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	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.7	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	49.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	99.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1990	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.9		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-02 SA89142-27	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.14 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.2	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	71.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	71.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-02 SA89142-27	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.14 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2870	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	81.0		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-03 SA89142-28	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 7.6 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	49.5	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	49.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	"	"	"	"	X
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 (Freon12)	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	49.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	49.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
814-VOC-03 SA89142-28	03-273-42E	Soil	19-Dec-08 11:30	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.6 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	23-Dec-08	23-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
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	49.5	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	49.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	99.0	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	1980	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*88*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 867 SA89142-29	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	997	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	997	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	997	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	997	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	997	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	997	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	997	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	997	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	997	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	997	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	997	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	997	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	997	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	997	5	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	997	5	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	997	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	997	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	997	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	997	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	997	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	997	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	997	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	997	5	"	"	"	"	X
218-01-9	Chrysene	1,010		µg/kg dry	997	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	997	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	997	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	997	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	997	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	997	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	997	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	997	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	997	5	"	"	"	"	X
206-44-0	Fluoranthene	1,030		µg/kg dry	997	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	997	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	997	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	997	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	997	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	997	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 867 SA89142-29	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	997	5	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	997	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	997	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	997	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	997	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	997	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	997	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	997	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3990	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3990	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	997	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	997	5	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	997	5	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	997	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	997	5	"	"	"	"	X
129-00-0	Pyrene	1,370		µg/kg dry	997	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	997	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	997	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	997	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*36*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*34*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*33*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*28*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*34*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	23.9	1	SW846 8082	23-Dec-08	24-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	23.9	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	23.9	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	23.9	1	"	"	"	"	X
37324-23-5	PCB 1262	34.2		µg/kg dry	23.9	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	23.9	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.70	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 867 SA89142-29	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	16.6		mg/kg dry	1.70	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	59.0		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	2.53		mg/kg dry	0.566	1	"	"	"	"	X
7440-47-3	Chromium	19.4		mg/kg dry	1.13	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	0.236		mg/kg dry	0.0325	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	325		mg/kg dry	1.70	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	2.42		mg/kg dry	1.70	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.306		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	82.7		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	
	Specific Conductance (EC)	32.4		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	181,000	TOC	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	6.76	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	25.0	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	50.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-TPH-01 SA89142-30	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.5	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	32.5	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	32.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	32.5	1	"	"	"	"	
	Unidentified	485		mg/kg dry	32.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	32.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	485		mg/kg dry	32.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	485		mg/kg dry	32.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*73*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-TPH-02 SA89142-31	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.9	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.9	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	30.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	30.9	1	"	"	"	"	
	Unidentified	901		mg/kg dry	30.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	901		mg/kg dry	30.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	901		mg/kg dry	30.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*68*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.7		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-TPH-03 SA89142-32	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	62.3	2	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	62.3	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	62.3	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	62.3	2	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	62.3	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	62.3	2	"	"	"	"	
	Unidentified	1,190		mg/kg dry	62.3	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	62.3	2	"	"	"	"	
	Total Petroleum Hydrocarbons	1,190		mg/kg dry	62.3	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,190		mg/kg dry	62.3	2	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.4		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-01 SA89142-33	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
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	6.7	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	66.5	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.7	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.7	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.7	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.3	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.7	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.3	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	66.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-01 SA89142-33	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
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	6.7	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
100-42-5	Styrene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.7	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.7	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.3	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.5	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	133	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2660	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-02 SA89142-34	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.34 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	24-Dec-08	24-Dec-08	8121849	X
67-64-1	Acetone	BRL		µg/kg dry	55.6	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	11.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.8	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	11.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.1	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	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	11.1	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
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	55.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-02 SA89142-34	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.34 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	24-Dec-08	24-Dec-08	8121849	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.6	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	55.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2220	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*89*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	84.7		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-03 SA89142-35	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.71 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.2	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	62.5	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
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	12.5	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.5	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.2	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	12.5	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	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	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	12.5	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.5	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
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	62.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	62.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
867-VOC-03 SA89142-35	03-273-42E	Soil	19-Dec-08 12:20	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.71 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.5	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	62.5	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.2	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2500	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*83*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*90*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.4		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 964 SA89142-36	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	187	1	SW846 8270C	23-Dec-08	29-Dec-08	8121750	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	187	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	187	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	187	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	187	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	187	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	187	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	187	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	187	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	187	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	187	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	187	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	187	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	187	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	187	1	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	187	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	187	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	187	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	187	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	187	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	187	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	187	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	187	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	187	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	187	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	187	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	187	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	187	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	187	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	187	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	187	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	187	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	187	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	187	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	187	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	187	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	187	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	187	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 964 SA89142-36	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	187	1	SW846 8270C	23-Dec-08	29-Dec-08	8121750	
78-59-1	Isophorone	BRL		µg/kg dry	187	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	187	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	187	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	187	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	187	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	187	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	187	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	747	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	747	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	187	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	187	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	187	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	187	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	187	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	187	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	187	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	187	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	187	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*43*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*43*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*40*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*36*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*47*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	21.5	1	SW846 8082	23-Dec-08	24-Dec-08	8121753	X
11104-28-2	PCB 1221	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11141-16-5	PCB 1232	BRL		µg/kg dry	21.5	1	"	"	"	"	X
53469-21-9	PCB 1242	BRL		µg/kg dry	21.5	1	"	"	"	"	X
12672-29-6	PCB 1248	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11097-69-1	PCB 1254	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11096-82-5	PCB 1260	BRL		µg/kg dry	21.5	1	"	"	"	"	X
37324-23-5	PCB 1262	BRL		µg/kg dry	21.5	1	"	"	"	"	X
11100-14-4	PCB 1268	BRL		µg/kg dry	21.5	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Site No. 964 SA89142-36	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-38-2	Arsenic	8.28		mg/kg dry	1.53	1	SW846 6010B	23-Dec-08	24-Dec-08	8121724	X
7440-39-3	Barium	34.5		mg/kg dry	1.02	1	"	"	"	"	X
7440-43-9	Cadmium	0.890		mg/kg dry	0.511	1	"	"	"	"	X
7440-47-3	Chromium	25.6		mg/kg dry	1.02	1	"	"	26-Dec-08	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0312	1	SW846 7471A	"	26-Dec-08	8121725	X
7439-92-1	Lead	59.7		mg/kg dry	1.53	1	SW846 6010B	"	24-Dec-08	8121724	X
7782-49-2	Selenium	2.73		mg/kg dry	1.53	1	"	"	26-Dec-08	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-Dec-08	22-Dec-08	8121720	X
7439-92-1	Lead	0.345		mg/l	0.0150	1	SW846 1311/6010B	23-Dec-08	24-Dec-08	8121761	X
General Chemistry Parameters											
	% Solids	88.1		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	
	Specific Conductance (EC)	4.45		uS/cm		1	SM2510B	23-Dec-08	23-Dec-08	8121817	
	Total Organic Carbon	13,200	TOCf	mg/kg	100	1	SW846 9060	23-Dec-08	26-Dec-08	8121769	
Toxicity Characteristics											
	Flashpoint	> 200		°F		1	SW846 1010	23-Dec-08	24-Dec-08	8121820	X
	Free Liquid	Absent		N/A		1	SW846 9095A	23-Dec-08	23-Dec-08	8121796	
	pH	6.82	pHHT	pH Units		1	SW846 9045C	23-Dec-08 10:51	23-Dec-08 11:52	8121783	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	23-Dec-08	23-Dec-08	8121799	X
	Reactive Cyanide	BRL		mg/kg dry	24.8	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-TPH-01 SA89142-37	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.0	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	29.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	29.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	29.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.2		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-TPH-02 SA89142-38	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.6	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	31.6	1	"	"	"	"	
	Unidentified	95.6		mg/kg dry	31.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	31.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	95.6		mg/kg dry	31.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	95.6		mg/kg dry	31.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.0		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-TPH-03 SA89142-39	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.3	1	+CT ETPH	23-Dec-08	29-Dec-08	8121749	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	33.3	1	"	"	"	"	
	Unidentified	216		mg/kg dry	33.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	33.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	216		mg/kg dry	33.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	216		mg/kg dry	33.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	79.2		%		1	SM2540 G Mod.	22-Dec-08	22-Dec-08	8121732	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-01	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08
SA89142-40				

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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.46 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.6	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	35.7	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	7.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	35.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	17.8	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	7.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.1	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	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	7.1	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	35.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
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	35.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	35.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.6	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-01	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08
SA89142-40				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 9.46 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.6	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	35.7	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	35.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	71.3	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	17.8	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1430	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	89.2		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-02 SA89142-41	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 10.99 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.8	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	37.7	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	37.7	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
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	7.5	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.7	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	37.7	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	37.7	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.8	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-02 SA89142-41	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 10.99 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.8	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.8	1	"	"	"	"	X
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	37.7	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	37.7	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	75.4	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	1510	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	83.0		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-03 SA89142-42	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-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	22-Dec-08	22-Dec-08	8121741	
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 11.5 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.1	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
67-64-1	Acetone	BRL		µg/kg dry	40.6	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	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	8.1	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	40.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	20.3	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	8.1	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.1	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.1	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.1	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	"	"	"	"	X
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 (Freon12)	BRL		µg/kg dry	8.1	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	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.1	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	40.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
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	40.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	40.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.1	1	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
964-VOC-03 SA89142-42	03-273-42E	Soil	19-Dec-08 13:00	22-Dec-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Volatile Organic Compounds											
Volatile Organic Compounds			VC10								
Prepared by method SW846 5035A Soil (low level)					Initial weight: 11.5 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.1	1	SW846 8260B	23-Dec-08	24-Dec-08	8121776	X
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	"	"	"	"	X
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	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.1	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.1	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.1	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	40.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.1	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	40.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	81.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	20.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1620	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*91*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
General Chemistry Parameters											
	% Solids	79.2		%		1	SM2540 G Mod.	23-Dec-08	24-Dec-08	8121821	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121763 - SW846 5035A Soil (low level)										
Blank (8121763-BLK1)										
Prepared & Analyzed: 23-Dec-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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121763 - SW846 5035A Soil (low level)										
Blank (8121763-BLK1)										
Prepared & Analyzed: 23-Dec-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	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.1*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (8121763-BS1)										
Prepared & Analyzed: 23-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.2		µg/kg wet		20.0		96	70-130		
Acetone	9.8		µg/kg wet		20.0		49	0-168		
Acrylonitrile	18.2		µg/kg wet		20.0		91	70-130		
Benzene	21.2		µg/kg wet		20.0		106	70-130		
Bromobenzene	18.7		µg/kg wet		20.0		94	70-130		
Bromochloromethane	17.4		µg/kg wet		20.0		87	70-130		
Bromodichloromethane	20.0		µg/kg wet		20.0		100	70-130		
Bromoform	19.6		µg/kg wet		20.0		98	70-130		
Bromomethane	16.7		µg/kg wet		20.0		83	40.9-138		
2-Butanone (MEK)	15.8		µg/kg wet		20.0		79	29.8-145		
n-Butylbenzene	24.4		µg/kg wet		20.0		122	70-130		
sec-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130		
tert-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
Carbon disulfide	22.7		µg/kg wet		20.0		114	70-130		
Carbon tetrachloride	20.0		µg/kg wet		20.0		100	70-130		
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121763 - SW846 5035A Soil (low level)										
LCS (8121763-BS1)										
Prepared & Analyzed: 23-Dec-08										
Chloroethane	18.3		µg/kg wet		20.0		92	47.5-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	16.0		µg/kg wet		20.0		80	70-130		
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	21.4		µg/kg wet		20.0		107	70-130		
Dibromochloromethane	19.1		µg/kg wet		20.0		96	66.2-130		
1,2-Dibromoethane (EDB)	17.6		µg/kg wet		20.0		88	70-130		
Dibromomethane	17.1		µg/kg wet		20.0		85	70-130		
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	18.9		µg/kg wet		20.0		95	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	15.1		µg/kg wet		20.0		76	32-158		
1,1-Dichloroethane	18.7		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,1-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130		
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	20.1		µg/kg wet		20.0		101	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	16.5		µg/kg wet		20.0		83	70-130		
1,1-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
cis-1,3-Dichloropropene	18.9		µg/kg wet		20.0		95	70-130		
trans-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
Ethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	21.8		µg/kg wet		20.0		109	53.6-138		
2-Hexanone (MBK)	17.3		µg/kg wet		20.0		87	70-130		
Isopropylbenzene	21.5		µg/kg wet		20.0		107	70-130		
4-Isopropyltoluene	21.6		µg/kg wet		20.0		108	70-130		
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		84	53.5-137		
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130		
Styrene	19.9		µg/kg wet		20.0		99	70-130		
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	18.6		µg/kg wet		20.0		93	70-130		
Toluene	17.5		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	18.9		µg/kg wet		20.0		94	70-130		
1,2,4-Trichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
1,3,5-Trichlorobenzene	22.7		µg/kg wet		20.0		113	70-130		
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	18.4		µg/kg wet		20.0		92	70-130		
Trichloroethene	19.3		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96	50.9-138		
1,2,3-Trichloropropane	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121763 - SW846 5035A Soil (low level)										
LCS (8121763-BS1)										
Prepared & Analyzed: 23-Dec-08										
Vinyl chloride	17.2		µg/kg wet		20.0		86	70-130		
m,p-Xylene	41.8		µg/kg wet		40.0		104	70-130		
o-Xylene	20.3		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	19.3		µg/kg wet		20.0		96	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	61.4-130		
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		93	70-130		
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		97	70-130		
Di-isopropyl ether	20.8		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		86	70-130		
1,4-Dioxane	172		µg/kg wet		200		86	48.3-142		
trans-1,4-Dichloro-2-butene	16.7		µg/kg wet		20.0		83	70-130		
Ethanol	376		µg/kg wet		400		94	70-130		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*46.2*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
LCS Dup (8121763-BSD1)										
Prepared & Analyzed: 23-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.0		µg/kg wet		20.0		95	70-130	1	25
Acetone	12.9		µg/kg wet		20.0		65	0-168	28	50
Acrylonitrile	17.1		µg/kg wet		20.0		86	70-130	6	25
Benzene	20.5		µg/kg wet		20.0		103	70-130	3	25
Bromobenzene	17.5		µg/kg wet		20.0		88	70-130	7	25
Bromochloromethane	16.1		µg/kg wet		20.0		80	70-130	8	25
Bromodichloromethane	19.7		µg/kg wet		20.0		98	70-130	2	25
Bromoform	19.7		µg/kg wet		20.0		99	70-130	0.5	25
Bromomethane	15.5		µg/kg wet		20.0		77	40.9-138	8	50
2-Butanone (MEK)	14.9		µg/kg wet		20.0		74	29.8-145	6	50
n-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	18	25
sec-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	12	25
tert-Butylbenzene	17.7		µg/kg wet		20.0		89	70-130	9	25
Carbon disulfide	22.1		µg/kg wet		20.0		110	70-130	3	25
Carbon tetrachloride	20.9		µg/kg wet		20.0		104	70-130	4	25
Chlorobenzene	19.3		µg/kg wet		20.0		96	70-130	2	25
Chloroethane	17.4		µg/kg wet		20.0		87	47.5-130	5	50
Chloroform	18.4		µg/kg wet		20.0		92	70-130	4	25
Chloromethane	14.4		µg/kg wet		20.0		72	70-130	11	25
2-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130	9	25
4-Chlorotoluene	18.4		µg/kg wet		20.0		92	70-130	10	25
1,2-Dibromo-3-chloropropane	20.4		µg/kg wet		20.0		102	70-130	4	25
Dibromochloromethane	18.0		µg/kg wet		20.0		90	66.2-130	6	50
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130	3	25
Dibromomethane	17.7		µg/kg wet		20.0		88	70-130	4	25
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		95	70-130	4	25
1,3-Dichlorobenzene	16.9		µg/kg wet		20.0		84	70-130	11	25
1,4-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	4	25
Dichlorodifluoromethane (Freon12)	12.6		µg/kg wet		20.0		63	32-158	19	50
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	6	25
1,2-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	1	25
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	0.4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121763 - SW846 5035A Soil (low level)										
LCS Dup (8121763-BSD1)										
Prepared & Analyzed: 23-Dec-08										
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130	3	25
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		105	70-130	3	25
1,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130	0.2	25
1,3-Dichloropropane	16.9		µg/kg wet		20.0		84	70-130	4	25
2,2-Dichloropropane	17.3		µg/kg wet		20.0		87	70-130	5	25
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	3	25
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	2	25
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	2	25
Ethylbenzene	20.1		µg/kg wet		20.0		100	70-130	4	25
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138	17	50
2-Hexanone (MBK)	17.2		µg/kg wet		20.0		86	70-130	0.6	25
Isopropylbenzene	20.1		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130	10	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	0.8	25
4-Methyl-2-pentanone (MIBK)	19.8		µg/kg wet		20.0		99	53.5-137	16	50
Methylene chloride	17.3		µg/kg wet		20.0		87	70-130	6	25
Naphthalene	17.4		µg/kg wet		20.0		87	70-130	2	25
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130	12	25
Styrene	19.3		µg/kg wet		20.0		97	70-130	3	25
1,1,1,2-Tetrachloroethane	19.1		µg/kg wet		20.0		96	70-130	5	25
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		93	70-130	0.3	25
Tetrachloroethene	17.4		µg/kg wet		20.0		87	70-130	7	25
Toluene	17.2		µg/kg wet		20.0		86	70-130	2	25
1,2,3-Trichlorobenzene	17.7		µg/kg wet		20.0		89	70-130	7	25
1,2,4-Trichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	8	25
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	14	25
1,1,1-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130	0.9	25
1,1,2-Trichloroethane	17.9		µg/kg wet		20.0		89	70-130	3	25
Trichloroethene	18.4		µg/kg wet		20.0		92	70-130	4	25
Trichlorofluoromethane (Freon 11)	18.4		µg/kg wet		20.0		92	50.9-138	4	50
1,2,3-Trichloropropane	16.0		µg/kg wet		20.0		80	70-130	9	25
1,2,4-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130	9	25
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130	10	25
Vinyl chloride	16.0		µg/kg wet		20.0		80	70-130	7	25
m,p-Xylene	39.6		µg/kg wet		40.0		99	70-130	5	25
o-Xylene	18.8		µg/kg wet		20.0		94	70-130	8	25
Tetrahydrofuran	19.2		µg/kg wet		20.0		96	70-130	0.1	25
Ethyl ether	21.8		µg/kg wet		20.0		109	61.4-130	7	50
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98	70-130	5	25
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	3	25
Di-isopropyl ether	21.5		µg/kg wet		20.0		107	70-130	3	25
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		85	70-130	0.3	25
1,4-Dioxane	161		µg/kg wet		200		81	48.3-142	6	25
trans-1,4-Dichloro-2-butene	17.7		µg/kg wet		20.0		88	70-130	6	25
Ethanol	322		µg/kg wet		400		81	70-130	15	30
Surrogate: 4-Bromofluorobenzene	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121776 - SW846 5035A Soil (low level)										
Blank (8121776-BLK1)										
Prepared & Analyzed: 23-Dec-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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121776 - SW846 5035A Soil (low level)										
Blank (8121776-BLK1)										
Prepared & Analyzed: 23-Dec-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	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (8121776-BS1)										
Prepared & Analyzed: 23-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.7		µg/kg wet		20.0		94	70-130		
Acetone	18.9		µg/kg wet		20.0		94	0-168		
Acrylonitrile	18.7		µg/kg wet		20.0		94	70-130		
Benzene	20.5		µg/kg wet		20.0		103	70-130		
Bromobenzene	18.2		µg/kg wet		20.0		91	70-130		
Bromochloromethane	16.3		µg/kg wet		20.0		81	70-130		
Bromodichloromethane	19.9		µg/kg wet		20.0		99	70-130		
Bromoform	19.4		µg/kg wet		20.0		97	70-130		
Bromomethane	16.4		µg/kg wet		20.0		82	40.9-138		
2-Butanone (MEK)	14.3		µg/kg wet		20.0		72	29.8-145		
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	18.7		µg/kg wet		20.0		93	70-130		
tert-Butylbenzene	18.1		µg/kg wet		20.0		91	70-130		
Carbon disulfide	22.3		µg/kg wet		20.0		112	70-130		
Carbon tetrachloride	20.5		µg/kg wet		20.0		102	70-130		
Chlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	47.5-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121776 - SW846 5035A Soil (low level)										
LCS (8121776-BS1)										
Prepared & Analyzed: 23-Dec-08										
Chloroform	18.6		µg/kg wet		20.0		93	70-130		
Chloromethane	15.0		µg/kg wet		20.0		75	70-130		
2-Chlorotoluene	20.1		µg/kg wet		20.0		101	70-130		
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dibromo-3-chloropropane	19.0		µg/kg wet		20.0		95	70-130		
Dibromochloromethane	18.1		µg/kg wet		20.0		90	66.2-130		
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130		
Dibromomethane	18.2		µg/kg wet		20.0		91	70-130		
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	17.2		µg/kg wet		20.0		86	70-130		
1,4-Dichlorobenzene	19.1		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	13.4		µg/kg wet		20.0		67	32-158		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.3		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
cis-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95	70-130		
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	20.5		µg/kg wet		20.0		103	70-130		
1,3-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130		
2,2-Dichloropropane	16.0		µg/kg wet		20.0		80	70-130		
1,1-Dichloropropene	19.7		µg/kg wet		20.0		99	70-130		
cis-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
trans-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		101	70-130		
Hexachlorobutadiene	18.4		µg/kg wet		20.0		92	53.6-138		
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92	70-130		
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130		
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	53.5-137		
Methylene chloride	17.9		µg/kg wet		20.0		90	70-130		
Naphthalene	17.6		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Styrene	19.2		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130		
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130		
Toluene	17.2		µg/kg wet		20.0		86	70-130		
1,2,3-Trichlorobenzene	18.1		µg/kg wet		20.0		91	70-130		
1,2,4-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130		
1,3,5-Trichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		95	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	50.9-138		
1,2,3-Trichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trimethylbenzene	18.7		µg/kg wet		20.0		93	70-130		
1,3,5-Trimethylbenzene	18.9		µg/kg wet		20.0		95	70-130		
Vinyl chloride	16.5		µg/kg wet		20.0		83	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121776 - SW846 5035A Soil (low level)										
LCS (8121776-BS1)										
Prepared & Analyzed: 23-Dec-08										
m,p-Xylene	39.2		µg/kg wet		40.0		98	70-130		
o-Xylene	19.0		µg/kg wet		20.0		95	70-130		
Tetrahydrofuran	18.2		µg/kg wet		20.0		91	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	61.4-130		
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130		
Ethyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130		
1,4-Dioxane	167		µg/kg wet		200		83	48.3-142		
trans-1,4-Dichloro-2-butene	16.5		µg/kg wet		20.0		83	70-130		
Ethanol	339		µg/kg wet		400		85	70-130		
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (8121776-BSD1)										
Prepared & Analyzed: 23-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130	4	25
Acetone	17.7		µg/kg wet		20.0		89	0-168	6	50
Acrylonitrile	20.1		µg/kg wet		20.0		100	70-130	7	25
Benzene	20.9		µg/kg wet		20.0		105	70-130	2	25
Bromobenzene	18.5		µg/kg wet		20.0		92	70-130	2	25
Bromochloromethane	17.5		µg/kg wet		20.0		88	70-130	7	25
Bromodichloromethane	20.9		µg/kg wet		20.0		105	70-130	5	25
Bromoform	20.0		µg/kg wet		20.0		100	70-130	3	25
Bromomethane	17.6		µg/kg wet		20.0		88	40.9-138	7	50
2-Butanone (MEK)	16.8		µg/kg wet		20.0		84	29.8-145	16	50
n-Butylbenzene	20.5		µg/kg wet		20.0		103	70-130	2	25
sec-Butylbenzene	19.5		µg/kg wet		20.0		97	70-130	4	25
tert-Butylbenzene	18.7		µg/kg wet		20.0		94	70-130	3	25
Carbon disulfide	23.4		µg/kg wet		20.0		117	70-130	5	25
Carbon tetrachloride	21.2		µg/kg wet		20.0		106	70-130	3	25
Chlorobenzene	19.5		µg/kg wet		20.0		97	70-130	0.8	25
Chloroethane	18.8		µg/kg wet		20.0		94	47.5-130	5	50
Chloroform	19.1		µg/kg wet		20.0		96	70-130	3	25
Chloromethane	15.8		µg/kg wet		20.0		79	70-130	5	25
2-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130	1	25
4-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130	5	25
1,2-Dibromo-3-chloropropane	20.8		µg/kg wet		20.0		104	70-130	9	25
Dibromochloromethane	18.9		µg/kg wet		20.0		94	66.2-130	4	50
1,2-Dibromoethane (EDB)	17.8		µg/kg wet		20.0		89	70-130	5	25
Dibromomethane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	0	25
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	6	25
1,4-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	2	25
Dichlorodifluoromethane (Freon12)	14.0		µg/kg wet		20.0		70	32-158	4	50
1,1-Dichloroethane	19.5		µg/kg wet		20.0		97	70-130	2	25
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	6	25
1,1-Dichloroethene	21.7		µg/kg wet		20.0		109	70-130	8	25
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		95	70-130	0.4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121776 - SW846 5035A Soil (low level)										
LCS Dup (8121776-BSD1)										
Prepared & Analyzed: 23-Dec-08										
trans-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130	2	25
1,2-Dichloropropane	20.7		µg/kg wet		20.0		103	70-130	0.7	25
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130	3	25
2,2-Dichloropropane	16.8		µg/kg wet		20.0		84	70-130	4	25
1,1-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	4	25
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130	5	25
trans-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130	2	25
Ethylbenzene	20.7		µg/kg wet		20.0		103	70-130	2	25
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	53.6-138	3	50
2-Hexanone (MBK)	20.2		µg/kg wet		20.0		101	70-130	10	25
Isopropylbenzene	21.0		µg/kg wet		20.0		105	70-130	2	25
4-Isopropyltoluene	19.7		µg/kg wet		20.0		99	70-130	2	25
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		103	70-130	0.8	25
4-Methyl-2-pentanone (MIBK)	19.9		µg/kg wet		20.0		99	53.5-137	10	50
Methylene chloride	19.6		µg/kg wet		20.0		98	70-130	9	25
Naphthalene	17.9		µg/kg wet		20.0		89	70-130	2	25
n-Propylbenzene	20.3		µg/kg wet		20.0		102	70-130	4	25
Styrene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130	2	25
1,1,2,2-Tetrachloroethane	19.4		µg/kg wet		20.0		97	70-130	7	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92	70-130	3	25
Toluene	18.2		µg/kg wet		20.0		91	70-130	6	25
1,2,3-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	0.7	25
1,2,4-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	4	25
1,3,5-Trichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	5	25
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130	6	25
1,1,2-Trichloroethane	18.5		µg/kg wet		20.0		92	70-130	2	25
Trichloroethene	19.3		µg/kg wet		20.0		96	70-130	1	25
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		100	50.9-138	4	50
1,2,3-Trichloropropane	17.9		µg/kg wet		20.0		90	70-130	8	25
1,2,4-Trimethylbenzene	19.5		µg/kg wet		20.0		97	70-130	4	25
1,3,5-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130	3	25
Vinyl chloride	17.4		µg/kg wet		20.0		87	70-130	5	25
m,p-Xylene	40.5		µg/kg wet		40.0		101	70-130	3	25
o-Xylene	19.7		µg/kg wet		20.0		99	70-130	4	25
Tetrahydrofuran	20.3		µg/kg wet		20.0		102	70-130	11	25
Ethyl ether	22.3		µg/kg wet		20.0		111	61.4-130	9	50
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98	70-130	6	25
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	0.7	25
Di-isopropyl ether	21.7		µg/kg wet		20.0		108	70-130	2	25
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99	70-130	11	25
1,4-Dioxane	180		µg/kg wet		200		90	48.3-142	8	25
trans-1,4-Dichloro-2-butene	17.2		µg/kg wet		20.0		86	70-130	4	25
Ethanol	369		µg/kg wet		400		92	70-130	8	30
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*48.8*		µg/kg wet		*50.0*		*98*	*70-130*		
Batch 8121849 - SW846 5035A Soil (low level)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121849 - SW846 5035A Soil (low level)										
Blank (8121849-BLK1)										
Prepared & Analyzed: 24-Dec-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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121849 - SW846 5035A Soil (low level)										
Blank (8121849-BLK1)										
Prepared & Analyzed: 24-Dec-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	*43.1*		µg/kg wet		*50.0*		*86*	*70-130*		
Surrogate: Toluene-d8	*45.0*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS (8121849-BS1)										
Prepared & Analyzed: 24-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130		
Acetone	15.5		µg/kg wet		20.0		78	0-168		
Acrylonitrile	19.3		µg/kg wet		20.0		97	70-130		
Benzene	19.4		µg/kg wet		20.0		97	70-130		
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130		
Bromochloromethane	16.7		µg/kg wet		20.0		84	70-130		
Bromodichloromethane	19.4		µg/kg wet		20.0		97	70-130		
Bromoform	19.2		µg/kg wet		20.0		96	70-130		
Bromomethane	17.6		µg/kg wet		20.0		88	40.9-138		
2-Butanone (MEK)	15.1		µg/kg wet		20.0		75	29.8-145		
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
sec-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130		
Carbon disulfide	22.6		µg/kg wet		20.0		113	70-130		
Carbon tetrachloride	19.7		µg/kg wet		20.0		99	70-130		
Chlorobenzene	18.9		µg/kg wet		20.0		94	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121849 - SW846 5035A Soil (low level)										
LCS (8121849-BS1)										
Prepared & Analyzed: 24-Dec-08										
Chloroethane	19.5		µg/kg wet		20.0		98	47.5-130		
Chloroform	18.4		µg/kg wet		20.0		92	70-130		
Chloromethane	15.7		µg/kg wet		20.0		78	70-130		
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	19.0		µg/kg wet		20.0		95	66.2-130		
1,2-Dibromoethane (EDB)	17.4		µg/kg wet		20.0		87	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
1,3-Dichlorobenzene	17.7		µg/kg wet		20.0		89	70-130		
1,4-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	14.4		µg/kg wet		20.0		72	32-158		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130		
1,1-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130		
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichloropropane	17.7		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,3-Dichloropropene	18.1		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	18.1		µg/kg wet		20.0		90	70-130		
Ethylbenzene	19.3		µg/kg wet		20.0		97	70-130		
Hexachlorobutadiene	17.8		µg/kg wet		20.0		89	53.6-138		
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92	70-130		
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130		
4-Isopropyltoluene	18.6		µg/kg wet		20.0		93	70-130		
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	12.0		µg/kg wet		20.0		60	53.5-137		
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130		
Naphthalene	17.4		µg/kg wet		20.0		87	70-130		
n-Propylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Styrene	19.0		µg/kg wet		20.0		95	70-130		
1,1,1,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	17.1		µg/kg wet		20.0		85	70-130		
Toluene	17.3		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	17.7		µg/kg wet		20.0		88	70-130		
1,3,5-Trichlorobenzene	18.6		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	17.9		µg/kg wet		20.0		89	70-130		
Trichloroethene	19.2		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		95	50.9-138		
1,2,3-Trichloropropane	16.9		µg/kg wet		20.0		84	70-130		
1,2,4-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130		
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121849 - SW846 5035A Soil (low level)										
LCS (8121849-BS1)										
Prepared & Analyzed: 24-Dec-08										
Vinyl chloride	18.0		µg/kg wet		20.0		90	70-130		
m,p-Xylene	38.8		µg/kg wet		40.0		97	70-130		
o-Xylene	19.2		µg/kg wet		20.0		96	70-130		
Tetrahydrofuran	18.4		µg/kg wet		20.0		92	70-130		
Ethyl ether	21.9		µg/kg wet		20.0		110	61.4-130		
Tert-amyl methyl ether	16.6		µg/kg wet		20.0		83	70-130		
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130		
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94	70-130		
1,4-Dioxane	197		µg/kg wet		200		99	48.3-142		
trans-1,4-Dichloro-2-butene	16.5		µg/kg wet		20.0		83	70-130		
Ethanol	366		µg/kg wet		400		91	70-130		
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
LCS Dup (8121849-BSD1)										
Prepared & Analyzed: 24-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.3		µg/kg wet		20.0		92	70-130	4	25
Acetone	12.9		µg/kg wet		20.0		64	0-168	19	50
Acrylonitrile	18.0		µg/kg wet		20.0		90	70-130	7	25
Benzene	19.8		µg/kg wet		20.0		99	70-130	2	25
Bromobenzene	16.4		µg/kg wet		20.0		82	70-130	9	25
Bromochloromethane	16.0		µg/kg wet		20.0		80	70-130	5	25
Bromodichloromethane	19.3		µg/kg wet		20.0		97	70-130	0.3	25
Bromoform	19.2		µg/kg wet		20.0		96	70-130	0.3	25
Bromomethane	14.0		µg/kg wet		20.0		70	40.9-138	22	50
2-Butanone (MEK)	16.5		µg/kg wet		20.0		82	29.8-145	9	50
n-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
sec-Butylbenzene	17.1		µg/kg wet		20.0		85	70-130	12	25
tert-Butylbenzene	16.5		µg/kg wet		20.0		82	70-130	11	25
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130	11	25
Carbon tetrachloride	19.6		µg/kg wet		20.0		98	70-130	0.6	25
Chlorobenzene	18.5		µg/kg wet		20.0		92	70-130	2	25
Chloroethane	15.4		µg/kg wet		20.0		77	47.5-130	24	50
Chloroform	17.6		µg/kg wet		20.0		88	70-130	4	25
Chloromethane	12.9	QC1	µg/kg wet		20.0		65	70-130	20	25
2-Chlorotoluene	18.1		µg/kg wet		20.0		90	70-130	10	25
4-Chlorotoluene	17.0		µg/kg wet		20.0		85	70-130	9	25
1,2-Dibromo-3-chloropropane	17.4		µg/kg wet		20.0		87	70-130	13	25
Dibromochloromethane	17.6		µg/kg wet		20.0		88	66.2-130	8	50
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130	2	25
Dibromomethane	17.1		µg/kg wet		20.0		85	70-130	9	25
1,2-Dichlorobenzene	18.3		µg/kg wet		20.0		92	70-130	0.2	25
1,3-Dichlorobenzene	16.2		µg/kg wet		20.0		81	70-130	9	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	0.9	25
Dichlorodifluoromethane (Freon12)	11.6		µg/kg wet		20.0		58	32-158	21	50
1,1-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	3	25
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130	0.05	25
1,1-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130	8	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121849 - SW846 5035A Soil (low level)										
LCS Dup (8121849-BSD1)										
Prepared & Analyzed: 24-Dec-08										
cis-1,2-Dichloroethene	18.1		µg/kg wet		20.0		91	70-130	2	25
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130	4	25
1,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130	0.3	25
1,3-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130	0.4	25
2,2-Dichloropropane	15.5		µg/kg wet		20.0		78	70-130	6	25
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130	2	25
cis-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87	70-130	4	25
trans-1,3-Dichloropropene	17.1		µg/kg wet		20.0		86	70-130	5	25
Ethylbenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
Hexachlorobutadiene	16.9		µg/kg wet		20.0		85	53.6-138	5	50
2-Hexanone (MBK)	16.6		µg/kg wet		20.0		83	70-130	10	25
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130	9	25
4-Isopropyltoluene	17.9		µg/kg wet		20.0		89	70-130	4	25
Methyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	1	25
4-Methyl-2-pentanone (MIBK)	18.4		µg/kg wet		20.0		92	53.5-137	42	50
Methylene chloride	16.0		µg/kg wet		20.0		80	70-130	17	25
Naphthalene	16.7		µg/kg wet		20.0		84	70-130	4	25
n-Propylbenzene	18.2		µg/kg wet		20.0		91	70-130	9	25
Styrene	17.8		µg/kg wet		20.0		89	70-130	7	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		93	70-130	4	25
Tetrachloroethene	16.1		µg/kg wet		20.0		81	70-130	6	25
Toluene	16.0		µg/kg wet		20.0		80	70-130	8	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	7	25
1,2,4-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	7	25
1,3,5-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130	3	25
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95	70-130	2	25
1,1,2-Trichloroethane	18.0		µg/kg wet		20.0		90	70-130	0.9	25
Trichloroethene	17.8		µg/kg wet		20.0		89	70-130	8	25
Trichlorofluoromethane (Freon 11)	17.3		µg/kg wet		20.0		87	50.9-138	9	50
1,2,3-Trichloropropane	16.0		µg/kg wet		20.0		80	70-130	5	25
1,2,4-Trimethylbenzene	17.1		µg/kg wet		20.0		86	70-130	8	25
1,3,5-Trimethylbenzene	17.6		µg/kg wet		20.0		88	70-130	7	25
Vinyl chloride	14.7		µg/kg wet		20.0		74	70-130	20	25
m,p-Xylene	36.6		µg/kg wet		40.0		92	70-130	6	25
o-Xylene	18.0		µg/kg wet		20.0		90	70-130	6	25
Tetrahydrofuran	16.7		µg/kg wet		20.0		83	70-130	10	25
Ethyl ether	20.8		µg/kg wet		20.0		104	61.4-130	5	50
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		98	70-130	16	25
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130	3	25
Di-isopropyl ether	20.5		µg/kg wet		20.0		103	70-130	3	25
Tert-Butanol / butyl alcohol	180		µg/kg wet		200		90	70-130	4	25
1,4-Dioxane	175		µg/kg wet		200		88	48.3-142	12	25
trans-1,4-Dichloro-2-butene	16.8		µg/kg wet		20.0		84	70-130	1	25
Ethanol	317		µg/kg wet		400		79	70-130	14	30
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.7*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*47.7*		µg/kg wet		*50.0*		*95*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121900 - SW846 5030 Soil (high level)										
Blank (8121900-BLK1)										
Prepared & Analyzed: 26-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						

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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 8121900 - SW846 5030 Soil (high level)										
Blank (8121900-BLK1)										
Prepared & Analyzed: 26-Dec-08										
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
LCS (8121900-BS1)										
Prepared & Analyzed: 26-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.0		µg/kg wet		20.0		85	70-130		
Acetone	24.0		µg/kg wet		20.0		120	0-168		
Acrylonitrile	14.9		µg/kg wet		20.0		74	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	22.2		µg/kg wet		20.0		111	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130		
Bromoform	20.3		µg/kg wet		20.0		102	70-130		
Bromomethane	17.9		µg/kg wet		20.0		90	40.9-138		
2-Butanone (MEK)	20.1		µg/kg wet		20.0		101	29.8-145		
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130		
tert-Butylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Carbon disulfide	15.4		µg/kg wet		20.0		77	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130		
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
Chloroethane	17.6		µg/kg wet		20.0		88	47.5-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121900 - SW846 5030 Soil (high level)										
LCS (8121900-BS1)										
Prepared & Analyzed: 26-Dec-08										
Chloroform	18.3		µg/kg wet		20.0		91	70-130		
Chloromethane	15.1		µg/kg wet		20.0		76	70-130		
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92	70-130		
Dibromochloromethane	19.3		µg/kg wet		20.0		96	66.2-130		
1,2-Dibromoethane (EDB)	19.2		µg/kg wet		20.0		96	70-130		
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	16.3		µg/kg wet		20.0		82	32-158		
1,1-Dichloroethane	15.9		µg/kg wet		20.0		80	70-130		
1,2-Dichloroethane	18.1		µg/kg wet		20.0		91	70-130		
1,1-Dichloroethene	16.5		µg/kg wet		20.0		83	70-130		
cis-1,2-Dichloroethene	16.0		µg/kg wet		20.0		80	70-130		
trans-1,2-Dichloroethene	18.1		µg/kg wet		20.0		90	70-130		
1,2-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130		
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97	70-130		
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87	70-130		
Ethylbenzene	21.3		µg/kg wet		20.0		107	70-130		
Hexachlorobutadiene	22.7		µg/kg wet		20.0		113	53.6-138		
2-Hexanone (MBK)	19.8		µg/kg wet		20.0		99	70-130		
Isopropylbenzene	23.2		µg/kg wet		20.0		116	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	17.1		µg/kg wet		20.0		86	70-130		
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88	53.5-137		
Methylene chloride	15.6		µg/kg wet		20.0		78	70-130		
Naphthalene	17.2		µg/kg wet		20.0		86	70-130		
n-Propylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Styrene	21.1		µg/kg wet		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	21.6		µg/kg wet		20.0		108	70-130		
Toluene	20.1		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		97	70-130		
Trichloroethene	19.8		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	18.6		µg/kg wet		20.0		93	50.9-138		
1,2,3-Trichloropropane	18.7		µg/kg wet		20.0		93	70-130		
1,2,4-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		109	70-130		
Vinyl chloride	16.2		µg/kg wet		20.0		81	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121900 - SW846 5030 Soil (high level)										
LCS (8121900-BS1)										
Prepared & Analyzed: 26-Dec-08										
m,p-Xylene	42.8		µg/kg wet		40.0		107	70-130		
o-Xylene	21.3		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	18.5		µg/kg wet		20.0		93	70-130		
Ethyl ether	16.0		µg/kg wet		20.0		80	61.4-130		
Tert-amyl methyl ether	18.3		µg/kg wet		20.0		91	70-130		
Ethyl tert-butyl ether	19.3		µg/kg wet		20.0		96	70-130		
Di-isopropyl ether	17.3		µg/kg wet		20.0		87	70-130		
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130		
1,4-Dioxane	166		µg/kg wet		200		83	48.3-142		
trans-1,4-Dichloro-2-butene	19.7		µg/kg wet		20.0		99	70-130		
Ethanol	312		µg/kg wet		400		78	70-130		
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.5*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
LCS Dup (8121900-BSD1)										
Prepared & Analyzed: 26-Dec-08										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.6		µg/kg wet		20.0		88	70-130	4	25
Acetone	26.2		µg/kg wet		20.0		131	0-168	9	50
Acrylonitrile	16.2		µg/kg wet		20.0		81	70-130	8	25
Benzene	20.9		µg/kg wet		20.0		105	70-130	3	25
Bromobenzene	21.3		µg/kg wet		20.0		107	70-130	4	25
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130	0.05	25
Bromodichloromethane	19.7		µg/kg wet		20.0		99	70-130	2	25
Bromoform	19.4		µg/kg wet		20.0		97	70-130	5	25
Bromomethane	20.0		µg/kg wet		20.0		100	40.9-138	11	50
2-Butanone (MEK)	20.1		µg/kg wet		20.0		100	29.8-145	0.2	50
n-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	5	25
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130	0.09	25
tert-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130	1	25
Carbon disulfide	16.4		µg/kg wet		20.0		82	70-130	6	25
Carbon tetrachloride	21.2		µg/kg wet		20.0		106	70-130	4	25
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130	2	25
Chloroethane	18.5		µg/kg wet		20.0		92	47.5-130	5	50
Chloroform	18.8		µg/kg wet		20.0		94	70-130	3	25
Chloromethane	16.8		µg/kg wet		20.0		84	70-130	10	25
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	1	25
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	2	25
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90	70-130	2	25
Dibromochloromethane	19.0		µg/kg wet		20.0		95	66.2-130	2	50
1,2-Dibromoethane (EDB)	18.8		µg/kg wet		20.0		94	70-130	2	25
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130	0.2	25
1,2-Dichlorobenzene	19.7		µg/kg wet		20.0		98	70-130	1	25
1,3-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	2	25
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	32-158	9	50
1,1-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	9	25
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	7	25
1,1-Dichloroethene	18.1		µg/kg wet		20.0		91	70-130	9	25
cis-1,2-Dichloroethene	16.8		µg/kg wet		20.0		84	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121900 - SW846 5030 Soil (high level)										
LCS Dup (8121900-BSD1)										
Prepared & Analyzed: 26-Dec-08										
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	6	25
1,2-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	5	25
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	3	25
2,2-Dichloropropane	18.3		µg/kg wet		20.0		92	70-130	0.3	25
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130	7	25
cis-1,3-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	3	25
trans-1,3-Dichloropropene	17.7		µg/kg wet		20.0		89	70-130	2	25
Ethylbenzene	22.0		µg/kg wet		20.0		110	70-130	3	25
Hexachlorobutadiene	22.7		µg/kg wet		20.0		114	53.6-138	0.2	50
2-Hexanone (MBK)	20.1		µg/kg wet		20.0		100	70-130	1	25
Isopropylbenzene	23.3		µg/kg wet		20.0		116	70-130	0.4	25
4-Isopropyltoluene	20.8		µg/kg wet		20.0		104	70-130	6	25
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		91	70-130	6	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	53.5-137	11	50
Methylene chloride	16.3		µg/kg wet		20.0		82	70-130	5	25
Naphthalene	17.5		µg/kg wet		20.0		87	70-130	2	25
n-Propylbenzene	22.7		µg/kg wet		20.0		113	70-130	1	25
Styrene	20.7		µg/kg wet		20.0		104	70-130	2	25
1,1,1,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130	3	25
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	0.5	25
Tetrachloroethene	20.4		µg/kg wet		20.0		102	70-130	5	25
Toluene	20.7		µg/kg wet		20.0		104	70-130	3	25
1,2,3-Trichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	2	25
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	0.05	25
1,3,5-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	0.8	25
1,1,1-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130	4	25
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
Trichloroethene	20.1		µg/kg wet		20.0		101	70-130	2	25
Trichlorofluoromethane (Freon 11)	19.9		µg/kg wet		20.0		99	50.9-138	7	50
1,2,3-Trichloropropane	19.5		µg/kg wet		20.0		98	70-130	4	25
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	0.7	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	0.2	25
Vinyl chloride	17.6		µg/kg wet		20.0		88	70-130	8	25
m,p-Xylene	42.5		µg/kg wet		40.0		106	70-130	0.6	25
o-Xylene	21.2		µg/kg wet		20.0		106	70-130	0.7	25
Tetrahydrofuran	21.1		µg/kg wet		20.0		106	70-130	13	25
Ethyl ether	16.8		µg/kg wet		20.0		84	61.4-130	5	50
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130	5	25
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		101	70-130	4	25
Di-isopropyl ether	18.9		µg/kg wet		20.0		95	70-130	9	25
Tert-Butanol / butyl alcohol	176		µg/kg wet		200		88	70-130	4	25
1,4-Dioxane	169		µg/kg wet		200		84	48.3-142	1	25
trans-1,4-Dichloro-2-butene	18.9		µg/kg wet		20.0		95	70-130	4	25
Ethanol	295		µg/kg wet		400		74	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Matrix Spike (8121900-MS1)	**Source: SA89114-07**									
Prepared & Analyzed: 26-Dec-08										

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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 8121900 - SW846 5030 Soil (high level)										
Matrix Spike (8121900-MS1)	**Source: SA89114-07**									
Prepared & Analyzed: 26-Dec-08										
Benzene	20.2		µg/kg dry		20.0	BRL	101	70-130		
Chlorobenzene	21.7		µg/kg dry		20.0	BRL	108	70-130		
1,1-Dichloroethene	16.8		µg/kg dry		20.0	BRL	84	70-130		
Toluene	20.9		µg/kg dry		20.0	0.9	100	70-130		
Trichloroethene	18.9		µg/kg dry		20.0	BRL	94	70-130		
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.4*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*28.4*		µg/kg dry		*30.0*		*95*	*70-130*		
Matrix Spike Dup (8121900-MSD1)	**Source: SA89114-07**									
Prepared & Analyzed: 26-Dec-08										
Benzene	22.4		µg/kg dry		20.0	BRL	112	70-130	11	30
Chlorobenzene	28.1	QM7	µg/kg dry		20.0	BRL	140	70-130	26	30
1,1-Dichloroethene	17.9		µg/kg dry		20.0	BRL	89	70-130	6	30
Toluene	24.2		µg/kg dry		20.0	0.9	117	70-130	15	30
Trichloroethene	21.7		µg/kg dry		20.0	BRL	109	70-130	14	30
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg dry		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/kg dry		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121750 - SW846 3550B										
Blank (8121750-BLK1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3′-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121750 - SW846 3550B										
Blank (8121750-BLK1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3 & 4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Pentachloronitrobenzene	BRL		µg/kg wet	330						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2420*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2-Fluorophenol	*1880*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*2250*		µg/kg wet		*3330*		*68*	*30-130*		
Surrogate: Phenol-d5	*2200*		µg/kg wet		*3330*		*66*	*15-110*		
Surrogate: Terphenyl-dl4	*2840*		µg/kg wet		*3330*		*85*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2590*		µg/kg wet		*3330*		*78*	*15-110*		
LCS (8121750-BS1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Acenaphthene	2670		µg/kg wet	330	3330		80	40-130		
Acenaphthylene	2650		µg/kg wet	330	3330		80	40-130		
Aniline	1120	QC2	µg/kg wet	330	3330		34	40-130		
Anthracene	2480		µg/kg wet	330	3330		74	40-130		
Atrazine	2010		µg/kg wet	330	3330		60	40-130		
Azobenzene/Diphenyldiazine	2460		µg/kg wet	330	3330		74	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2930		µg/kg wet	330	3330		88	40-130		
Benzo (a) pyrene	2610		µg/kg wet	330	3330		78	40-130		
Benzo (b) fluoranthene	2540		µg/kg wet	330	3330		76	40-130		
Benzo (g,h,i) perylene	2120		µg/kg wet	330	3330		64	40-130		
Benzo (k) fluoranthene	3090		µg/kg wet	330	3330		93	40-130		
Benzoic acid	2020		µg/kg wet	330	3330		61	3.25-130		
Benzyl alcohol	1820		µg/kg wet	330	3330		55	40-130		
Bis(2-chloroethoxy)methane	2780		µg/kg wet	330	3330		83	40-130		
Bis(2-chloroethyl)ether	2880		µg/kg wet	330	3330		87	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121750 - SW846 3550B										
LCS (8121750-BS1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Bis(2-chloroisopropyl)ether	2770		µg/kg wet	330	3330		83	40-130		
Bis(2-ethylhexyl)phthalate	3530		µg/kg wet	330	3330		106	40-130		
4-Bromophenyl phenyl ether	2760		µg/kg wet	330	3330		83	40-130		
Butyl benzyl phthalate	3480		µg/kg wet	330	3330		104	40-130		
Carbazole	2390		µg/kg wet	330	3330		72	40-130		
4-Chloro-3-methylphenol	2460		µg/kg wet	330	3330		74	40-130		
4-Chloroaniline	1770		µg/kg wet	330	3330		53	40-130		
2-Chloronaphthalene	2440		µg/kg wet	330	3330		73	40-130		
2-Chlorophenol	2410		µg/kg wet	330	3330		72	40-130		
4-Chlorophenyl phenyl ether	3030		µg/kg wet	330	3330		91	40-130		
Chrysene	3040		µg/kg wet	330	3330		91	40-130		
Dibenzo (a,h) anthracene	2080		µg/kg wet	330	3330		62	40-130		
Dibenzofuran	2530		µg/kg wet	330	3330		76	40-130		
1,2-Dichlorobenzene	2260		µg/kg wet	330	3330		68	40-130		
1,3-Dichlorobenzene	2140		µg/kg wet	330	3330		64	40-130		
1,4-Dichlorobenzene	2610		µg/kg wet	330	3330		78	40-130		
3,3´-Dichlorobenzidine	2010		µg/kg wet	330	3330		60	40-130		
2,4-Dichlorophenol	2510		µg/kg wet	330	3330		75	40-130		
Diethyl phthalate	2950		µg/kg wet	330	3330		89	40-130		
Dimethyl phthalate	3080		µg/kg wet	330	3330		92	40-130		
2,4-Dimethylphenol	2380		µg/kg wet	330	3330		71	40-130		
Di-n-butyl phthalate	2810		µg/kg wet	330	3330		84	40-130		
4,6-Dinitro-2-methylphenol	2480		µg/kg wet	330	3330		74	40-130		
2,4-Dinitrophenol	2480		µg/kg wet	330	3330		74	40-130		
2,4-Dinitrotoluene	2740		µg/kg wet	330	3330		82	40-130		
2,6-Dinitrotoluene	2670		µg/kg wet	330	3330		80	40-130		
Di-n-octyl phthalate	3560		µg/kg wet	330	3330		107	40-130		
Fluoranthene	2450		µg/kg wet	330	3330		74	40-130		
Fluorene	2540		µg/kg wet	330	3330		76	40-130		
Hexachlorobenzene	2320		µg/kg wet	330	3330		70	40-130		
Hexachlorobutadiene	2420		µg/kg wet	330	3330		73	40-130		
Hexachlorocyclopentadiene	2100		µg/kg wet	330	3330		63	40-130		
Hexachloroethane	2310		µg/kg wet	330	3330		69	40-130		
Indeno (1,2,3-cd) pyrene	2090		µg/kg wet	330	3330		63	40-130		
Isophorone	2320		µg/kg wet	330	3330		70	40-130		
1-Methylnaphthalene	2610		µg/kg wet	330	3330		78	40-140		
2-Methylnaphthalene	2500		µg/kg wet	330	3330		75	40-130		
2-Methylphenol	2240		µg/kg wet	330	3330		67	40-130		
3 & 4-Methylphenol	2620		µg/kg wet	330	3330		79	40-130		
Naphthalene	2420		µg/kg wet	330	3330		73	40-130		
2-Nitroaniline	2640		µg/kg wet	330	3330		79	40-130		
3-Nitroaniline	2080		µg/kg wet	330	3330		62	40-130		
4-Nitroaniline	2450		µg/kg wet	1320	3330		74	40-130		
Nitrobenzene	2310		µg/kg wet	330	3330		69	40-130		
2-Nitrophenol	2490		µg/kg wet	330	3330		75	40-130		
4-Nitrophenol	2650		µg/kg wet	1320	3330		80	40-130		
N-Nitrosodimethylamine	2840		µg/kg wet	330	3330		85	40-130		
N-Nitrosodi-n-propylamine	2760		µg/kg wet	330	3330		83	40-130		
N-Nitrosodiphenylamine	2750		µg/kg wet	330	3330		82	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121750 - SW846 3550B										
LCS (8121750-BS1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Pentachlorophenol	2120		µg/kg wet	330	3330		64	40-130		
Phenanthrene	2400		µg/kg wet	330	3330		72	40-130		
Phenol	2450		µg/kg wet	330	3330		73	40-130		
Pyrene	3120		µg/kg wet	330	3330		94	40-130		
Pyridine	740		µg/kg wet	330	3330		22	0-130		
1,2,4-Trichlorobenzene	2410		µg/kg wet	330	3330		72	40-130		
2,4,5-Trichlorophenol	2680		µg/kg wet	330	3330		80	40-130		
2,4,6-Trichlorophenol	2460		µg/kg wet	330	3330		74	40-130		
Pentachloronitrobenzene	2430		µg/kg wet	330	3330		73	40-140		
1,2,4,5-Tetrachlorobenzene	2380		µg/kg wet	330	3330		72	40-140		
Surrogate: 2-Fluorobiphenyl	*2590*		µg/kg wet		*3330*		*78*	*30-130*		
Surrogate: 2-Fluorophenol	*2290*		µg/kg wet		*3330*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*2470*		µg/kg wet		*3330*		*74*	*30-130*		
Surrogate: Phenol-d5	*2120*		µg/kg wet		*3330*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*2910*		µg/kg wet		*3330*		*87*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2640*		µg/kg wet		*3330*		*79*	*15-110*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121753 - SW846 3550B										
Blank (8121753-BLK1)										
Prepared & Analyzed: 23-Dec-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)	*15.1*		µg/kg wet		*20.0*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.2*		µg/kg wet		*20.0*		*61*	*30-150*		
LCS (8121753-BS1)										
Prepared & Analyzed: 23-Dec-08										
PCB 1016	213		µg/kg wet	20.0	250		85	40-140		
PCB 1260	234		µg/kg wet	20.0	250		94	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.2*		µg/kg wet		*20.0*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.6*		µg/kg wet		*20.0*		*63*	*30-150*		
LCS Dup (8121753-BSD1)										
Prepared & Analyzed: 23-Dec-08										
PCB 1016	210		µg/kg wet	20.0	250		84	40-140	2	30
PCB 1260	220		µg/kg wet	20.0	250		88	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.6*		µg/kg wet		*20.0*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*12.3*		µg/kg wet		*20.0*		*62*	*30-150*		
Duplicate (8121753-DUP1) **Source: SA89114-06**										
Prepared & Analyzed: 23-Dec-08										
PCB 1016	BRL		µg/kg dry	22.5		BRL				40
PCB 1221	BRL		µg/kg dry	22.5		BRL				40
PCB 1232	BRL		µg/kg dry	22.5		BRL				40
PCB 1242	BRL		µg/kg dry	22.5		BRL				40
PCB 1248	BRL		µg/kg dry	22.5		BRL				40
PCB 1254	BRL		µg/kg dry	22.5		BRL				40
PCB 1260	BRL		µg/kg dry	22.5		BRL				40
PCB 1262	BRL		µg/kg dry	22.5		BRL				40
PCB 1268	BRL		µg/kg dry	22.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.6*		µg/kg dry		*22.5*		*74*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.6*		µg/kg dry		*22.5*		*100*	*30-150*		
Matrix Spike (8121753-MS1) **Source: SA89114-06**										
Prepared & Analyzed: 23-Dec-08										
PCB 1016	253		µg/kg dry	22.7	283	BRL	89	40-140		
PCB 1260	242		µg/kg dry	22.7	283	BRL	85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg dry		*22.6*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.4*		µg/kg dry		*22.6*		*86*	*30-150*		
Matrix Spike Dup (8121753-MSD1) **Source: SA89114-06**										
Prepared & Analyzed: 23-Dec-08										
PCB 1016	261		µg/kg dry	22.9	286	BRL	91	40-140	2	50
PCB 1260	276		µg/kg dry	22.9	286	BRL	97	40-140	13	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.7*		µg/kg dry		*22.8*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.7*		µg/kg dry		*22.8*		*99*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121749 - SW846 3550B										
Blank (8121749-BLK1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-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	*3.25*		mg/kg wet		*3.33*		*97*	*50-150*		
LCS (8121749-BS1)										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
C9-C36 Aliphatic Hydrocarbons	76.3		mg/kg wet	13.3	93.3		82	60-120		
Surrogate: 1-Chlorooctadecane	*2.53*		mg/kg wet		*3.33*		*76*	*50-150*		
Duplicate (8121749-DUP1) Source: SA89142-37										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
Gasoline	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.4		BRL				50
Motor Oil	BRL		mg/kg dry	28.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.4		BRL				50
Unidentified	BRL		mg/kg dry	28.4		BRL				50
Other Oil	BRL		mg/kg dry	28.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.4		BRL				50
Surrogate: 1-Chlorooctadecane	*3.44*		mg/kg dry		*3.56*		*97*	*50-150*		
Matrix Spike (8121749-MS1) Source: SA89142-37										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
C9-C36 Aliphatic Hydrocarbons	93.3		mg/kg dry	14.5	102	BRL	91	50-150		
Surrogate: 1-Chlorooctadecane	*3.19*		mg/kg dry		*3.64*		*88*	*50-150*		
Matrix Spike Dup (8121749-MSD1) Source: SA89142-37										
Prepared: 23-Dec-08 Analyzed: 29-Dec-08										
C9-C36 Aliphatic Hydrocarbons	95.5		mg/kg dry	14.7	103	BRL	92	50-150	1	30
Surrogate: 1-Chlorooctadecane	*2.92*		mg/kg dry		*3.69*		*79*	*50-150*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121724 - SW846 3050B										
Blank (8121724-BLK1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	BRL		mg/kg wet	1.29						
Selenium	BRL		mg/kg wet	1.29						
Silver	BRL		mg/kg wet	1.29						
Arsenic	BRL		mg/kg wet	1.29						
Cadmium	BRL		mg/kg wet	0.429						
Chromium	BRL		mg/kg wet	0.858						
Barium	BRL		mg/kg wet	0.858						
Duplicate (8121724-DUP1) Source: SA89142-01										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	44.0		mg/kg dry	1.71		50.8			14	20
Selenium	2.36		mg/kg dry	1.71		2.22			6	20
Cadmium	0.964		mg/kg dry	0.571		0.973			0.9	20
Silver	0.668	J	mg/kg dry	1.71		0.616			8	20
Chromium	19.9		mg/kg dry	1.14		19.3			3	20
Arsenic	2.63		mg/kg dry	1.71		2.65			0.7	20
Barium	70.8		mg/kg dry	1.14		66.0			7	20
Matrix Spike (8121724-MS1) Source: SA89142-08										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Selenium	123		mg/kg dry	1.50	125	2.51	96	75-125		
Lead	439		mg/kg dry	1.50	125	286	122	75-125		
Arsenic	165		mg/kg dry	1.50	125	32.8	105	75-125		
Silver	113		mg/kg dry	1.50	125	BRL	90	75-125		
Cadmium	126		mg/kg dry	0.501	125	0.975	100	75-125		
Chromium	139		mg/kg dry	1.00	125	15.4	99	75-125		
Barium	220		mg/kg dry	1.00	125	74.9	116	75-125		
Matrix Spike Dup (8121724-MSD1) Source: SA89142-08										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	417		mg/kg dry	1.57	131	286	100	75-125	5	20
Selenium	129		mg/kg dry	1.57	131	2.51	97	75-125	5	20
Arsenic	160		mg/kg dry	1.57	131	32.8	98	75-125	3	20
Cadmium	132		mg/kg dry	0.524	131	0.975	100	75-125	5	20
Silver	117		mg/kg dry	1.57	131	BRL	89	75-125	3	20
Chromium	143		mg/kg dry	1.05	131	15.4	97	75-125	3	20
Barium	224		mg/kg dry	1.05	131	74.9	114	75-125	2	20
Post Spike (8121724-PS1) Source: SA89142-08										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Selenium	140		mg/kg dry	1.69	141	2.51	98	80-120		
Arsenic	183		mg/kg dry	1.69	141	32.8	107	80-120		
Silver	125		mg/kg dry	1.69	141	BRL	89	80-120		
Cadmium	141		mg/kg dry	0.563	141	0.975	100	80-120		
Chromium	150		mg/kg dry	1.13	141	15.4	96	80-120		
Barium	244		mg/kg dry	1.13	141	74.9	120	80-120		
Reference (8121724-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Selenium	138		mg/kg wet	1.50	145		95	76.6-123.1		
Lead	39.2		mg/kg wet	1.50	43.6		90	78.8-120.9		
Arsenic	50.1		mg/kg wet	1.50	52.7		95	77.6-123.1		

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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 8121724 - SW846 3050B										
Reference (8121724-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Chromium	109		mg/kg wet	1.00	120		91	79.7-120.3		
Cadmium	30.0		mg/kg wet	0.500	30.8		97	80.9-119.3		
Silver	14.6		mg/kg wet	1.50	15.3		96	66.4-133.6		
Barium	103		mg/kg wet	1.00	100		102	79.8-119.7		
Reference (8121724-SRM2)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Selenium	141		mg/kg wet	1.50	144		98	76.6-123.1		
Lead	39.2		mg/kg wet	1.50	43.3		91	78.8-120.9		
Arsenic	50.5		mg/kg wet	1.50	52.4		96	77.6-123.1		
Chromium	115		mg/kg wet	1.00	119		97	79.7-120.3		
Cadmium	30.5		mg/kg wet	0.500	30.6		100	80.9-119.3		
Silver	14.3		mg/kg wet	1.50	15.2		94	66.4-133.6		
Barium	99.6		mg/kg wet	1.00	99.7		100	79.8-119.7		
Batch 8121725 - EPA200/SW7000 Series										
Blank (8121725-BLK1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	BRL		mg/kg wet	0.0293						
Duplicate (8121725-DUP1) **Source: SA89142-01**										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	0.0766	QR6	mg/kg dry	0.0335		0.0986			25	20
Matrix Spike (8121725-MS1) **Source: SA89142-08**										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	1.00		mg/kg dry	0.0314	0.435	0.602	92	75-125		
Matrix Spike Dup (8121725-MSD1) **Source: SA89142-08**										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	1.08		mg/kg dry	0.0334	0.463	0.602	104	75-125	8	20
Post Spike (8121725-PS1) **Source: SA89142-08**										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	1.03		mg/kg dry	0.0348	0.484	0.602	88	80-120		
Reference (8121725-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Mercury	1.95		mg/kg wet	0.0300	1.96		99	71.7-128		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121761 - SW846 3010A										
Blank (8121761-BLK1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	BRL		mg/l	0.0150						
LCS (8121761-BS1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	2.35		mg/l	0.0150	2.50		94	85-115		
LCS Dup (8121761-BSD1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	2.34		mg/l	0.0150	2.50		93	85-115	0.6	20
Duplicate (8121761-DUP1) Source: SA89090-01										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	88.8	QR6	mg/l	0.0150		38.2			80	20
Matrix Spike (8121761-MS1) Source: SA89142-01										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	2.40		mg/l	0.0150	2.50	0.0576	94	75-125		
Matrix Spike Dup (8121761-MSD1) Source: SA89142-01										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	2.42		mg/l	0.0150	2.50	0.0576	95	75-125	1	20
Post Spike (8121761-PS1) Source: SA89142-01										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Lead	2.38		mg/l	0.0150	2.50	0.0576	93	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121722 - General Preparation										
Duplicate (8121722-DUP1)	Source: SA89142-04									
Prepared & Analyzed: 22-Dec-08										
% Solids	88.8		%			88.4			0.4	20
Batch 8121732 - General Preparation										
Duplicate (8121732-DUP1)	Source: SA89142-36									
Prepared & Analyzed: 22-Dec-08										
% Solids	90.0		%			88.1			2	20
Batch 8121769 - General Preparation										
Blank (8121769-BLK1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Total Organic Carbon	BRL		mg/kg	100						
Duplicate (8121769-DUP1)	Source: SA89027-02									
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Total Organic Carbon	25600	TOCg	mg/kg	100		28900			12	20
Reference (8121769-SRM1)										
Prepared: 23-Dec-08 Analyzed: 26-Dec-08										
Total Organic Carbon	2740	TOCb	mg/kg	100	2490		110	37.35-180.7		
Batch 8121817 - General Preparation										
LCS (8121817-BS1)										
Prepared & Analyzed: 23-Dec-08										
Specific Conductance (EC)	149		uS/cm		147		101	95-105		
Duplicate (8121817-DUP1)	Source: SA89127-01									
Prepared & Analyzed: 23-Dec-08										
Specific Conductance (EC)	16.4		uS/cm			16.5			0.4	5
Reference (8121817-SRM1)										
Prepared & Analyzed: 23-Dec-08										
Specific Conductance (EC)	192		uS/cm		200		96	80-120		
Reference (8121817-SRM2)										
Prepared & Analyzed: 23-Dec-08										
Specific Conductance (EC)	195		uS/cm		200		97	80-120		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8121783 - General Preparation										
Duplicate (8121783-DUP1)	Source: SA89127-01									
Prepared & Analyzed: 23-Dec-08										
pH	6.95		pH Units			6.95			0	5
Reference (8121783-SRM1)										
Prepared & Analyzed: 23-Dec-08										
pH	6.99		pH Units		7.00		100	97.5-102.5		
Reference (8121783-SRM2)										
Prepared & Analyzed: 23-Dec-08										
pH	7.06		pH Units		7.00		101	97.5-102.5		
Batch 8121799 - General Preparation										
Blank (8121799-BLK1)										
Prepared & Analyzed: 23-Dec-08										
Reactivity	Nonreactive		mg/kg wet							
Reactive Cyanide	BRL		mg/kg wet	25.0						
Reactive Sulfide	BRL		mg/kg wet	50.0						
Duplicate (8121799-DUP1)	Source: SA89049-01									
Prepared & Analyzed: 23-Dec-08										
Reactivity	Nonreactive		mg/kg dry			0.00				200
Reactive Cyanide	3.09	J	mg/kg dry	24.8		BRL				35
Reactive Sulfide	BRL		mg/kg dry	49.6		BRL				35
Reference (8121799-SRM1)										
Prepared & Analyzed: 23-Dec-08										
Reactive Cyanide	BRL		mg/kg wet	25.0	100			0-200		
Reference (8121799-SRM2)										
Prepared & Analyzed: 23-Dec-08										
Reactive Sulfide	132		mg/kg wet	50.0	6700		2	0-200		
Batch 8121820 - General Preparation										
Duplicate (8121820-DUP1)	Source: SA89142-36									
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Flashpoint	> 200		°F			> 200				35
Reference (8121820-SRM1)										
Prepared: 23-Dec-08 Analyzed: 24-Dec-08										
Flashpoint	80		°F		81.0		99	95-105		

Notes and Definitions

pHHT	The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R01	The Reporting Limit has been raised to account for matrix interference.
S06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
TOC	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 113.35.
TOCa	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 141.96.
TOCb	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 23.24.
TOCc	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 28.55.
TOCd	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 38.21.
TOCe	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 81.42.
TOCf	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 93.02.
TOCg	This sample was analyzed in quadruplicate per method SW-846 9060. The % RPD is 98.42.
VC10	The VOC 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.
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.

These samples do not exhibit the characteristics of reactivity as defined in 40 CFR 261.23, sections (1), (2), (4), and (5); however, Spectrum Analytical, Inc. does not test for detonation, explosive reaction or potential, or forbidden explosives as defined in 40 CFR 261.23, sections (3), (6), (7) and (8).

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

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: Diversified Technology Consultants

Project Location: Substation Parcels, CT

Project Number: 03-273-42E

Sampling Date(s):
19-Dec-08

Laboratory Sample ID(s):
SA89142-01 through SA89142-42

RCP Methods Used: +CT ETPH, SW846 1311, SW846 1311/6010B, SW846 6010B, SW846 7471A, SW846 8082, SW846 8260B, SW846 8270C

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

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

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

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

Date: 12/29/2008

SA 89142 E1

SPECTRUM ANALYTICAL, INC.
formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 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: DNV Consultants/Technology Consultants
55 Columbus Avenue
North Haven, CT

Project Mgr.: Paul Polakos

Invoice To: DOT C/O DTC
DAS Contract
P.O. No.: RQN:

Project No.: 03-273-02E
Site Name: Substation Parcels
Location: State: CT
Sampler(s): Ethan Stewart

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= DI H_2O 10= ICE

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

G=Grab C=Composite

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

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

* State specific reporting standards: CT RSRs

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SVOCs 8270	Total RCP Metals	TCLP Pb	PCBs	TOC	TPH	VOCs 8260	Volatility	Volatility TPH	Volatility PAHs	PAHs 8270
89142-01	Site No 513	12/19	9am	C	SO	10		2			X	X	X	X	X			X	X	X	X
02	513-TPH-01			G	SO	10		1								X					
03	513-TPH-02			G	SO	10		1								X					
04	513-TPH-03			G	SO	10		1								X					
05	513-VOC-01			G	SO	7/9	3										X				
06	513-VOC-02			G	SO	7/9	3										X				
07	513-VOC-03			G	SO	7/9	3										X				

See attached.

☐ Fax results when available to ( )
☒ E-mail to: Paul.Polakos@dnvcomtc.com
EDD Format:

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 12

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-22-08	11:08
[signature]	Michael [signature]	12-22-08	14:16

SA 69142 [illegible]

SPECTRUM ANALYTICAL, INC.
Featuring
HANDAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 6

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 3/30/09
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Duesterhoft Technology (Jim Herts) 5661 Washington Avenue North Haven, CT

Invoice To: DOT c/o DTC

Project No. 03-273-40E
Site Name: Substation Parcels
Location: _____ State: CT
Sampler(s): Ethan Stewart

Project Mgr: Paul Daniels
P.O. No.: _____ RQN: _____

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= DI H_2O 10= ICE

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

G=Grab C=Composite

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

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

* State specific reporting standards: CT RSRs

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	BNCS 8270	TOBI RCRA 8 Metals	VCS 8260	TCLP PD	TPH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Comments
1142-08	Site No 537	12/19	10am	C	SO	10	2				X	X		X	X	X	X	X	X	X	X	X	X	DRS Packing
09	537-PH-01	↓	↓	G	SO	10	1															X		
10	537-PH-02	↓	↓	G	SO	10	1															X		See attached
11	537-PH-03	↓	↓	G	SO	10	1															X		
12	537-VOC-01	↓	↓	G	SO	7/9	3						X											
13	537-VOC-02	↓	↓	G	SO	7/9	3						X											
14	537-VOC-03	↓	↓	G	SO	7/9	3						X											

☐ Fax results when available to ( ) _____
☒ E-mail to: PaulDaniels@kenoak.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 1.2

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[signature]	[signature]	12-22-08	11:08
[signature]	Michael Shaker	12-22-08	14:16

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SA 89142

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 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: Dunstan Technology Consultants
516 Washington Avenue
North Haven, CT

Project Mgr.: Paul Dakakis

Invoice To: DOT 40 DTC

P.O. No.: _____ RQN: _____

Project No.: 03-273-42E
Site Name: Substation Parcels
Location: _____ State: CT
Sampler(s): Ethan Stewart

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= DI H_2O 10= TCE

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

G=Grab C=Composite

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

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

* State specific reporting standards. CT RSRs

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		SVOCs 8270	PCBs 8082	VOCs 8260	TCLP Pb	TCLP	TCLP	Corrosivity	Reactivity	Ignitability	Flashpoint	Paint Filter	TPH	Cooler Temp	
89142-15	Site No. 736	12/19	10:45 am	C	SO	10		2				X	X		X	X	X	X	X	X		X		X	DOS Contract
16	736-TPH-01	↓	↓	G	SO	10		1															X		
17	736-TPH-02			G	SO	10		1															X		See attached
18	736-TPH-03			G	SO	10		1															X		
19	736-VOC-01			G	SO	7/9	3							X											
20	736-VOC-02			G	SO	7/9	3							X											
21	736-VOC-03	↓	↓	G	SO	7/9	3							X											

☐ Fax results when available to (____) _____
☒ E-mail to Paul.Dakakis@tetratec.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C p.2

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-22-08	11:08
[signature]	Michael Mahan	12-22-08	1416

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SPECTRUM ANALYTICAL, INC.
Leading
HANDAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 4 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: Diversified Technology Consultants, 55 Washington Avenue North Haven CT
Project Mgr: Paul Drakos

Invoice To: DOT C/O DTC
P.O. No.: ____ RQN: ____

Project No.: 03-273-42E
Site Name: Substation Parcels
Location: ____ State: CT
Sampler(s): Ethan Stewart

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= DI H_2O 10= ICE

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	8260's 8270	TPH 8015	VOCs 8260	TCLP Pb	ICP	RCRA	Corrosivity	Ignitability	Reactivity	Sulfide	Sulfate	TPH	Conductivity	TPH	QA Reporting Notes:
89142-22	Site No. 814	12/19	11:30 am	C	SO	10		2			X	X		X	X	X	X	X	X	X			X	DAS CONTRACT
23	814-TPH-01	↓	↓	G	SO	10		1															X	
24	814-TPH-02			G	SO	10		1															X	See attached
25	814-TPH-03			G	SO	10		1															X	
26	814-VOC-01			G	SO	7/9	3						X											
27	814-VOC-02			G	SO	7/9	3						X											
28	814-VOC-03			G	SO	7/9	3						X											

☐ Fax results when available to (____) ____
☒ E-mail to Paul.Drakos@dtc.com
EDD Format ____
Condition upon receipt: ☐ Iced ☐ Ambient 5°C 12

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-22-08	11:00
[signature]	Michael Thacher	12-22-08	14:16

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SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 5 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: Dave Sifred Technology Consultants, 55 Washington Street, North Haven, CT
Invoice To: DOT C/O DTC
Project No.: 03-273-42E
Site Name: Substation Parcels
Location: State: CT
Project Mgr.: Paul Dakakis
P.O. No.: RQN:
Sampler(s): Ethan Stewart

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9= DI H_2O 10= ICE

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

G=Grab C=Composite

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

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other
* Specify specific reporting standards: CT RSRs

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SVOCs 8270	TOTAL RCRA METALS	VOCs 8260	TCLP 1311	TOC	TPH 8100	TPH 8015	Cyanide	VOC (MA)	Flashpoint	Ignitability	Corrosivity/pH	QA Reporting Notes
89142-29	Site No. 867	12/19	12:20 pm	C	SD	10		2			X	X		X	X		X	X	X	X	X	X	DAS contract
30	867-TPH-01			G	SD	10		1									X						
31	867-TPH-02			G	SD	10		1									X						See attached
32	867-TPH-03			G	SD	10		1									X						
33	867-VOC-01			G	SD	7&3							X										
34	867-VOC-02			G	SD	7&3							X										
35	867-VOC-03			G	SD	7&3							X										

☐ Fax results when available to:
☒ E-mail to: paul.dakakis@pmtk.com
EDD Format:
Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 1.2

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-22-08	11:08
[signature]	[signature]	12-22-08	1416

SA 89142 Pg 1

SPECTRUM ANALYTICAL, INC.
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MANTECH TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 6 of 6

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: Davis Standard Technology Group, Inc. Bethlehem Plant, Bethlehem, CT
Project Mgr.: Paul Dargacs

Invoice To: DST c/o DTC
P.O. No.: ____ RQN: ____

Project No.: 03-203-42E
Site Name: Substation Projects
Location: ____ State: CT
Samplers: Ethan Stewart

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=DI H_2O 10=ICE

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

G=Grab C=Composite

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

QA/QC Reporting Level: ☒ Standard ☐ No QC ☐ Other ____
State specific reporting standards: CT RSRs

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	SVOCs 8270	TCLP VOCs/SVOCs/Pest/Herb	VOCs 8260	ICP/MS	RCRA Metals	Cyanide	Sulfide	Reactivity	Ignitability	Corrosivity	PCBs	TPH ETBX	
89142-36	Sip No. 964	12/19	1:00 pm	C	SO	10		2			X	X		X	X	X	X	X	X	X	X		DGS CONTRACT
37	964-TPH-01			G	SO	10		1														X	
38	964-TPH-02			G	SO	10		1														X	See attached
39	964-TPH-03			G	SO	10		1														X	
40	964-VOC-01			G	SO	7/9	3						X										
41	964-VOC-02			G	SO	7/9	3						X										
42	964-VOC-03			G	SO	7/9	3						X										

☐ Fax results when available to ( )
☒ E-mail to: Paul.Dargacs@dtmatc.com
EDD Format ____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 12

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12-22-08	11:08
[signature]	Michael [signature]	12-22-08	1416