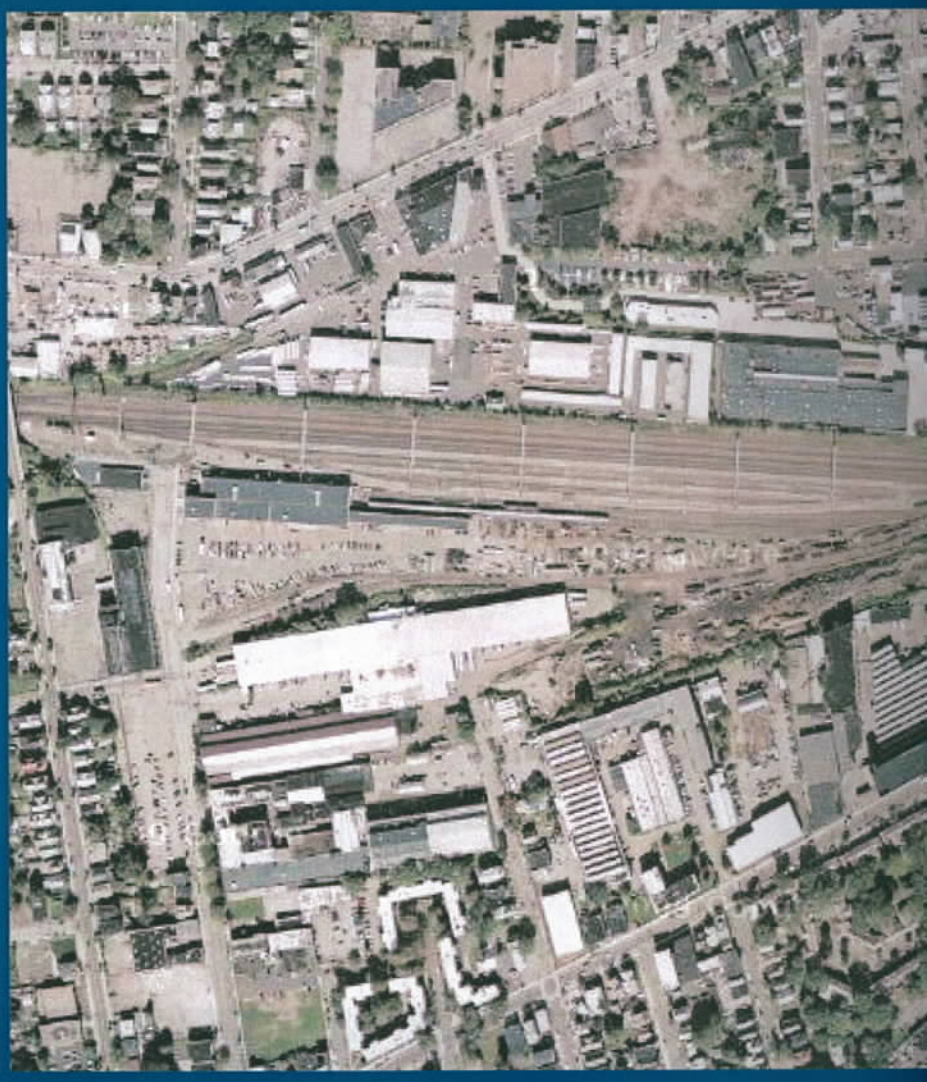
Task 210
Subsurface Site Investigation
East Bridgeport Rail Yard Improvements Project
Union Ave., Bridgeport, CT
ConnDOT Project No. 300-130
ConnDOT Assignment No. 103-3704



Prepared for

State of Connecticut
Department of Transportation
Division of
Environmental Compliance
Bureau of Engineering and
Highway Operations

Newington, Connecticut

Prepared by

TRC

Bridgeport, Connecticut

June 2009

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UNION AVENUE
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1.0 INTRODUCTION

1.1 Overview

Pursuant to TRC's Connecticut Department of Transportation (ConnDOT) Contract for On-Call Environmental Services, TRC performed a Task 210 Subsurface Site Investigation for ConnDOT's East Bridgeport Rail Yard (EBRY) located between Union and Bishop Avenues in Bridgeport, Connecticut (Figure 1). This investigation was conducted as part of the preliminary activities associated with future improvements at the EBRY under ConnDOT Project No. 300-130, which includes new tracks for the servicing and storage of rail cars.

1.2 Objectives

TRC reviewed the Vanasse Hangen Brustlin, Inc. (VHB) conceptual plan and Modified Improvement Program report issued on May 21, 2008 and developed this plan to determine the effects of future construction relative to potential on-site environmental concerns. Under this Task 210/211, TRC collected soil, ground water, and railroad tie samples from soil borings and test pits from within the footprint of future construction zone. Figure 2 illustrates the sample locations across the project site from soil borings and test pits at a larger scale than on Figure 1. The purpose of this task is to determine the presence of any contaminants within in this project area. Rail yards are typically the "garage" of rail lines where railcars and locomotives are maintained, refurbished and stored. Environmental concerns can result from track maintenance plus transportation operations. Our general approach was to investigate the yard with soil probes using a direct push method plus an excavator for test pits with limited grab ground water sampling to depths up to 12' below ground surface (bgs). These depths correspond to future construction and planned improvements at the rail yard.

The analytical results of soil, ground water, and railroad ties were compared to the numerical criteria set forth in Connecticut's Remediation Standard Regulations (RSRs) under this Task 210 study. This environmental evaluation of potential contaminants will aid in managing the materials encountered during planned construction activities.

1.3 Background

The proposed construction activities at the EBRY include new track, a new maintenance of way (MOW) storage area, new driveways, service roads, and parking areas, plus reconstructing old existing track. According to ConnDOT, the improvements will provide additional yard storage tracks for the servicing and storage of rail cars, which will be displaced from the New Haven Rail Yard with the arrival of the new M8 fleet.

TRC also reviewed Sanborn Fire Insurance Maps for the years 1913, 1939, 1950, and 1972 with respect to the rail yard and historical site activities, (Appendix C .PDF on CD-ROM). The proposed reconstructed Tracks 34, 36, and 44 historically abut various manufacturing and commercial entities to the south including Peerless Unit Ventilator Co., F.J. Kisco Coal Co., Newfield Coal Co., and Dolan Steel Co. Proposed Tracks 46, 38, and 50 plus the MOW also historically adjoin manufacturers to the south including America Chain and Cable Co., American Fabrics Co., and The Locke Steel Chain Co. The entire site is denoted as "full of tracks" on all Sanborn Maps. Otherwise, a catch basin annotated as oil storage is illustrated ~75 feet southeast of SE corner of the existing site structure. This historical map review assisted TRC with devising a rationale for boring and test pit placement especially in the MOW area.

1.4 Geologic/Physical Setting

According to the Surficial Materials Map of Connecticut (Stone, 1992), surficial materials beneath the site are generally mapped as coarse grained sand affiliated with glacial meltwater deposits. The nature of the native soils observed in the test pits and borings, discussed below, is consistent with published descriptions of the referenced regional surficial geology.

According to the Bedrock Geological Map of Connecticut (Rogers, 1985), the site is unmapped, however, inferred to be underlain by the Oronoque Schist. No bedrock outcrops were observed on the EBRY while performing field activities.

In general, the site topography is flat. Ground water movement is controlled by many factors including the potential presence of pumping wells. However, based on the local topography and an assumption that the local ground water flow regime mimics the topography, ground water flow at the EBRY is presumed to be westerly towards the Yellow Mill Channel/Barnum Avenue Pond across the western portion of the site and northeasterly toward

Bruce Pond across the eastern portion of the site. TRC did not conduct a complete evaluation of site hydrogeology as part of this investigation.

Ground water beneath the site has been classified by the Connecticut Department of Environmental Protection (CTDEP) as “GB”, meaning that it is presumed not suitable for human consumption without treatment. Class GB ground water is within a historically highly urbanized area or an area of intense industrial activity where public water supply is available as with the EBRY. Public water supply is available at the EBRY and within the surrounding area.

The Yellow Mill Channel, Barnum Avenue Pond, and Bruce Pond are all classified by the CTDEP as a Class “C/B, D/B” inland waterbodies. This designation indicates that these waterbodies do not meet one or more designated uses of Class B waters due to severe pollution.

2.0 TECHNICAL APPROACH

This section of the report summarizes the soil and ground water sampling techniques employed during the Task 210 field investigation, plus field observations. The Task 210 work performed at this site was completed in accordance with the *Revised Work Plan for Task 210 Subsurface Site Investigation and Field Sampling: East Bridgeport Rail Yard, Union Avenue, Bridgeport, Connecticut,* prepared by TRC in February 2009.

The Work Plan proposed the collection of 20 soil and seven ground water samples for laboratory analysis. However, following TRC's review of Sanborn Maps and a more updated project design from VHB, 28 soil and seven ground water samples were collected during this study from within the footprint of the planned improvements at the EBRY. Buried railroad ties encountered at depth were also analyzed for waste characterization purposes. Figure 2 depicts a Site Plan annotated with test pit and soil borings locations. Table 1 compiles a sample summary, which includes the test pit/boring/sample identification, sample interval, the matrix analyzed, the parameters analyzed, and the sample rationale. Twenty eight (28) soil samples were collected from 16 soil borings and12 test pits. Seven (7) ground water grab samples were collected from four borings and three test pits. One buried railroad tie was submitted for laboratory analysis.

Most soil and ground water samples were submitted to the laboratory for the following analyses:

- Volatile Organic Compounds (VOCs - EPA Method 5035/8260)
- Semi-Volatile Organic Compounds Full Scan (SVOCs - EPA Method 8270C)
- Extractable total petroleum hydrocarbons (ETPH - CT Method)
- PCBs (EPA Method 8082)
- RCRA Eight Metals (total metals by EPA Methods 3050B and 6000 series, plus leachable metals SPLP by EPA Method 1312-soils only)
- Dissolved RCRA Eight Metals – ground water only – EPA Method 6000

Selected soil and water samples were also tested as follows:

- CT RSR Metals (antimony, beryllium, copper, nickel, thallium, vanadium and zinc - total metals by EPA Methods 3050B and 6000 series, plus leachable metals SPLP/TCLP by EPA Method 1311/1312-soils only)

- Herbicides (EPA 8150)
- Pesticides (EPA 8081)
- Ignitability (flashpoint EPA 1030)
- pH (EPA 9045)
- Reactivity (reactive cyanide and sulfide EPA Chapter 7.3)

The buried railroad tie was analyzed for PCBs, SVOCs, plus total and TCLP RCRA eight metals. Soil collected from test pit TP-2 was re-analyzed by the laboratory for total and leachable lead. All samples were analyzed by Spectrum Analytical, Inc. of Agawam, Massachusetts.

2.1 Preliminary Activities

Prior to conducting field tasks, TRC prepared a site-specific health and safety plan (HASP) as required by OSHA standards (29 CFR 1910.120) to address the proposed field tasks. TRC reviewed previous reports and studies prepared for ConnDOT, conducted a site reconnaissance, and obtained the applicable access agreements and Metro-North work permits to conduct the field investigation. TRC also reviewed Sanborn Fire Insurance Maps covering the EBRY. This review aided in identifying activities and potential areas of environmental concern across the proposed materials storage area, which became the basis for locating exploratory test pits. TRC personnel adjusted the boring and test pit locations, as necessary, so that they were accessible to the drilling contractor. These proposed test hole locations were then marked with flagged stakes prior to the drilling contractor notifying "Call Before You Dig" (CBYD) for underground utility clearance.

2.2 Soil Sampling Program

Methodology

Sixteen (16) soil borings and 12 test pits were advanced at the site by Earth Technology Inc. (ETI) of North Haven, Connecticut from May 15th to May 20th, 2009. ETI was under the direct supervision of TRC personnel. GreenHornet of Waterbury, Connecticut performed the direct-push drilling on behalf of ETI. Borings were advanced employing remote access track-mounted direct-push (GeoProbe™) drilling methods using a vibratory hammer. Soil was logged continuously from four-foot hollow acetate sleeves using a "Macro Core®" sampler to targeted

depths of 12' below ground surface (bgs). However, refusal of the “Macro Core” sampler was sporadically encountered at depths of 4-8' bgs. Test pits were excavated using a backhoe to depths of ~12' bgs with dimensions ranging from ~3' in width and ~12' in length.

Each 4' soil core and test pit was logged with respect to soil characteristics i.e., grain size, moisture content and any other physical characteristics, plus obvious field evidence of contamination e.g., stains and odors. Each soil core and test pit were additionally field-screened using a photo-ionization detector (PID) prior to the collection of soil for laboratory analysis. The PID results are compiled on Table 1. Samples selected and submitted for laboratory analysis were based on visual and/or olfactory observations, plus screening results. Absent obvious evidence of contamination, soil samples were selected at the discretion of the TRC field personnel. Soil boring and test pit logs are presented in Appendix A.

Soil samples submitted to the laboratory for VOC analysis were collected in accordance with EPA Method 5035. This method outlines the collection of soil samples without homogenization and with minimal disturbance into extraction solvents. Soil sample aliquots collected for all but VOC analysis were transferred from the Macro-Core® sample sleeve and from the inside of the excavator bucket to a dedicated and decontaminated stainless-steel bowl. Soil was homogenized by mixing with dedicated, laboratory-decontaminated, stainless-steel spoons prior to collection into the appropriate laboratory-supplied sample containers. Samples were placed on ice in a cooler for delivery to the laboratory. The remaining soils, drill cuttings, and spoils were returned to their respective boreholes and test pits.

The probe tip and Macro-Core® were decontaminated between uses to minimize the potential for cross-contamination. Decontamination was completed by washing with an Alconox and tap water mixture, followed by a tap water and de-ionized water rinse.

Field Observations

Based on soil logged in the field, the site is underlain primarily by fine to coarse-grained sand with some gravel and silt. Sand is overlain with varying thicknesses of emplaced fill. Artificial fill thickness appears greater in the southern portion of the site and consists of sand with some gravel, silt, ashes, cinders, and miscellaneous debris including railroad ties. Bedrock outcrops were not observed at the site. Drilling refusal was encountered sporadically at 4-10' bgs

across the EBRY. Pulverized rock was recovered in the drive tip of the Macro-Core® from most of the borings encountering refusal. According to DMJM's Geotechnical Investigation (June 2008), bedrock across the site varies from depths of 5-30' bgs and consists of gray, medium-grained schist interlayered with granofels. Soils exhibiting odor were observed in probe B-6 from 0.5-4' bgs (petroleum odor), test pit TP-7 from 1-11' bgs (creosote odor), and TP-9 from 3-6' bgs (creosote odor). No obvious field evidence of contaminant staining was noted in any soil boring or test pit. Elevated PID measurements i.e. > 1 ppm were recorded for the following intervals bgs: B-5 (0-1.5'), B-6 (0-4'), B-8 (0-4'), B-10 (0-4'), and B-15 (0-4'). The PID malfunctioned during the test pit activities.

Ground water was encountered at depths of 4-8' bgs in soil borings across the northern and central portions of the site and from 8-14' bgs in selected test pits within the southern portion of the EBRY.

2.3 Ground Water Sampling Program

Methodology

Depending on site conditions and at the discretion of the Field Inspector, TRC collected four borehole ground water grab samples with a peristaltic pump and dedicated tubing after temporary slotted 1" PVC casing was set in the borehole. As practical, plastic conduit, dedicated tubing, and perforated PVC were used with a peristaltic pump for collecting three grab ground water samples that accumulated in the test pits. An iridescent sheen was observed on the water table in test pit TP-2.

2.4 Limited Railroad Tie Sampling

Buried railroad ties comprised the miscellaneous debris encountered from 0-3' bgs in test pit TP-7. A sample of this buried material was submitted and analyzed by the laboratory for waste characterization purposes.

3.0 INVESTIGATION RESULTS

This section summarizes the analytical results of the soil, ground water and railroad tie sampling conducted at the site. Twenty eight (28) soil samples were collected from 16 soil borings and 12 test pits. The analytical results for soil are summarized in Tables 2 and 3. All soil samples collected under this study were analyzed for VOCs, SVOCs, ETPH, PCBs, plus total and SPLP RCRA eight metals. Additional general chemistry and waste characterization analyses were performed on selected soil samples from B-4, B-16, TP-2, and TP-7. The additional parameters included total, SPLP and TCLP metals (antimony, beryllium, copper, nickel, thallium, vanadium and zinc), herbicides, pesticides, flashpoint, ignitability, pH, and reactivity (cyanide/sulfide). The laboratory analytical reports are in a .PDF electronic format and provided on CD-ROM in Appendix B.

Seven (7) ground water samples were collected from four soil borings (B-1, B-4, B-10, and B-16) and three test pits (TP-1, TP-2, and TP-7). The analytical results for ground water are summarized in Tables 4 and 5. All ground water samples collected under this study were analyzed for VOCs, SVOCs, ETPH, PCBs, plus total and dissolved RCRA eight metals. Selected ground water samples were additionally analyzed for pesticides, herbicides, the CT RSR metals and general chemistry. One buried railroad tie sample was collected from test pit TP-7 and analyzed for total and TCLP RCRA eight metals, PCBs, and SVOCs. The analytical results for the railroad tie are summarized in Table 6. The laboratory analytical reports for ground water and the railroad tie are in a .PDF electronic format and provided on CD-ROM in Appendix B.

Although the site is not subject to the Transfer Act, the Voluntary Cleanup Program, nor the requirements of a Consent Order, the media results are being compared to the criteria in Connecticut Remediation Standard Regulations (RSRs) for purposes of managing contaminated media i.e. soil, ground water, and railroad ties within the investigated area in a manner consistent with the applicable regulations. The numerical criteria to which the reported concentrations for soils and railroad ties are compared are the Residential Direct Exposure Criteria (DEC) and the GB Pollutant Mobility Criteria (PMC). The numerical criteria to which concentrations of ground water are compared are the Volatilization Criteria (VC) and Surface Water Protection Criteria (SWPC).

3.1 Summary of Soil Sampling Results

VOCs

Various concentrations of VOCs including acetone, benzene, n-butylbenzene, sec-butylbenzene, tert-butylbenzene, chloroform, ethylbenzene, isopropylbenzene, 4-isopropyltoluene, naphthalene, n-propylbenzene, tetrachloroethene, toluene, trichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethlybenzene, and xylenes were detected in site soils below the applicable RSR criteria. The greatest VOC concentration in soil was 8.9 mg/kg of 1,2,4-trimethylbenzene in boring B-6. These low level VOC concentrations in soil were detected in six soil borings and 11 test pits. VOCs were otherwise not detected above method detection limits in the remaining soil samples collected as part of this investigation.

SVOCs

Concentrations of over 21 SVOCs were detected in soils collected from six soil borings and 10 test pits across the site. Table 2 lists the compounds and compiles the analytical results for each soil sample. Soil from three soil borings B-7, B-13, and B-14 and five test pits TP-2, TP-4, TP-7, TP-9, and TP-10 contained concentrations of numerous SVOCs above the applicable RSR criteria. The greatest total SVOC concentration in soil was 326 mg/kg in test pit TP-9 from 3-6' bgs. From this TP-9 soil sample, nine SVOCs exceed the RSR criteria and eight additional SVOCs were detected below the RSR criteria. SVOCs were not detected above method detection limits in the remainder of the soil samples collected as part of this investigation.

SPLP SVOCs

Due to the prevalence and high concentration of various SVOCs in soil across the EBRY, samples were not submitted for laboratory analysis of leachable SVOCs by the SPLP method for comparison to RSR criteria.

ETPH

Concentrations of ETPH were detected in 24 out the 28 soil samples collected at the site and ranged from 45.3 to 2,300 mg/kg. Soil from two borings B-6 (1,030 mg/kg) and B-16 (1,490 mg/kg) and four test pits TP-7 (643 mg/kg), TP-9 (2,300 mg/kg), TP-10 (551 mg/kg), and TP-12

(564 mg/kg) exceed the applicable RSR criteria for ETPH. These grab samples were generally collected from specific intervals between 0-6' bgs. ETPH was not detected above method detection limits in the remaining soil samples. Table 2 compiles the ETPH analytical results for soil.

PCBs

Concentrations of PCBs were detected in soil across the site below the applicable RSR criteria. The greatest PCB concentration in soil was 0.806 mg/kg in boring B-14. These low level PCB concentrations were detected in two borings B-14 and B-16, plus nine test pits TP-2, TP-3, TP-4, TP-7, TP-8, TP-9, TP-10, TP-11, and TP-12. PCBs were otherwise not detected above method detection limits in the remaining soil samples. Table 2 compiles the PCB analytical result for each soil sample.

Total Metals

Except for beryllium and thallium, concentrations of all other total metals analyzed were detected in one or more of the soil samples collected as part of this investigation. Table 3 compiles the analytical result for total metals in each soil sample. Concentrations of total arsenic in soil exceed the RSR direct exposure criteria (DEC) of 10 mg/kg in five soil borings (B-7, B-8, B-13, B-14, and B-15) and five test pits (TP-4, TP-5, TP-7, TP-9, and TP-12). The greatest concentration of arsenic occurred in TP-7 from 1-3' bgs (48.9 mg/kg). These grab samples were generally collected from specific intervals within 0-6' bgs. Arsenic was detected in soil at concentrations below the RSR DEC criteria in all other samples. Concentrations of total cadmium in soil exceed the RSR RDEC of 34 mg/kg in soil boring B-15 (367 mg/kg) from 2-4' bgs. Cadmium was detected in soil at concentrations below the RSR DEC criteria in more than half of all other samples. Concentrations of total lead in soil exceed the RSR direct exposure criteria (DEC) of 400 mg/kg in one soil borings B-15 and four test pits (TP-4, TP-5, TP-10, and TP-12) and ranged between 750 to 2,290 mg/kg. The greatest concentration of lead occurred in B-15 from 2-4' bgs (2,290 mg/kg). These grab samples were generally collected from specific intervals between 1-4' bgs. Lead was detected in soil at concentrations below the RSR DEC criteria in all other samples. Beryllium and thallium were not detected in soil above the method

detection limit for any sample. For all remaining metals, concentrations were detected in one or more soil samples below the RSR DEC criteria.

SPLP Metals

Concentrations of leachable arsenic, barium, chromium, copper, lead and vanadium were detected in one or more site soil samples below the GB PMC specified in the RSR. The greatest SPLP metal concentration was leachable arsenic 0.186 mg/l in soil from boring B-15 (2-4' bgs). No leachable metals in soil by the SPLP method exceed the RSR GB PMC criteria. Table 3 compiles the analytical result for SPLP metals in each soil sample.

TCLP Metals

For waste characterization purposes, the TCLP extraction for the CT RSR metals was performed on samples submitted from soil borings B-14 and B-16, plus test pits TP-2 and TP-7. Concentrations of leachable antimony, arsenic, barium, cadmium, copper, lead, nickel, vanadium, and zinc were detected in one or more soil samples across the EBRY. Leachable lead by the TCLP method exceeds the GB PMC of 0.15 mg/l in three soil samples B-16 (0.636 mg/l), TP-2 (1.25 mg/l), and TP-7 (0.346 mg/l). Otherwise, concentrations of all remaining TCLP metals in soil were below the GB PMC specified in the RSR. Table 3 compiles the analytical result for TCLP metals in soil.

Pesticides and Herbicides

No concentrations of pesticides or herbicides were detected above the method detection limit in any soil sample. Table 2 compiles the analytical results for pesticides and herbicides in soil.

Waste Characterization and General Chemistry

Additional waste characterization and general chemistry parameters were performed on samples submitted from soil borings B-14 and B-16, plus test pits TP-2 and TP-7. No soil samples were ignitable or reactive. All soil was below the method detection limit and specifically nonreactive to cyanide and sulfide. The pH of soil ranged from 6.42 to 8.4 and thus

nonhazardous. There are no RSR criteria established for these parameters. Table 3 compiles the analytical results for waste characterization and general chemistry parameters in soil.

3.2 Summary of Ground Water Sampling Results

VOCs

Various concentrations of VOCs including acetone, cis-1,2,-dichloroethene, MTBE, naphthalene, tert-amyl methyl ether, and tert-butanol were detected in ground water across the site below the applicable RSR criteria. The greatest VOC concentration in ground water was 12.7 ug/l of tert-butanol in boring B-16. These low level VOC concentrations in ground water were detected in boring B-16 and test pits TP-2 and TP-7. VOCs were otherwise not detected above the method detection limits in the remaining ground water samples. Table 4 compiles the analytical results for VOCs in ground water.

SVOCs

Concentrations of over 19 SVOCs were detected in ground water collected from boring B-10, plus test pits TP-1, TP-2 and TP-7. No SVOCs were detected in ground water above the method detection limit in borings B-1, B-4 and B-16. Table 4 lists the compounds and compiles the analytical results for each ground water sample. Ground water from test pits TP-2 and TP-7 contained concentrations of numerous SVOCs above the applicable RSR criteria. The greatest total SVOC concentration in ground water was 14.28 ug/l in test pit TP-2. From this test pit TP-2 ground water sample, six SVOCs exceed the RSR criteria and 12 additional SVOCs were detected below the RSR criteria.

ETPH

Concentrations of ETPH in ground water were detected in boring B-16 (1,900 ug/l) and test pit TP-7 (400 ug/l). RSR criteria for ETPH are not established for GB ground water classification areas such as the site. ETPH was not detected above method detection limits in the remaining ground water samples. Table 4 compiles the ETPH analytical results for ground water.

PCBs

Concentrations of PCBs were detected in ground water analyzed from test pit TP-2 (0.36 ug/l), which is below the SWPC of 0.5 ug/l. PCBs were otherwise not detected above method detection limits in the remaining ground water samples. Table 4 compiles the PCB analytical result for each ground water sample.

Total Metals

Except for antimony, beryllium, silver, and selenium, concentrations of all other total metals analyzed were detected in one or more of the ground water samples collected as part of this study. Table 5 compiles the analytical result for total metals in each ground water sample. Concentrations of total arsenic in ground water exceed the RSR SWPC of 4 ug/l in all samples except boring B-4 and ranged from 7.9 ug/l (B-10) to 20.6 ug/l (B-16). Concentrations of total copper in ground water exceed the SWPC of 48 ug/l in boring B-16 (278 ug/l) and test pit TP-7 (67.3 ug/l). Concentrations of total mercury in ground water exceed the SWPC of 0.4 ug/l in test pit TP-2 (0.53 ug/l). Concentrations of total lead in ground water exceed the SWPC of 13 ug/l in boring B-1 (27 ug/l), B-16 (126 ug/l), plus test pits TP-2 (343 ug/l) and TP-7 (13 ug/l). Concentrations of total zinc in ground water exceed the SWPC of 123 ug/l in boring B-16 (405 ug/l) and test pit TP-7 (320 ug/l). For all remaining metals except for antimony, beryllium, silver, and selenium, concentrations were detected in one or more ground water samples below the RSR SWPC.

Dissolved Metals

Concentrations of dissolved arsenic, barium, copper, nickel, lead, thallium, and zinc were detected in one or more ground water samples analyzed in this study. Concentrations of dissolved arsenic in ground water exceed the RSR SWPC of 4 ug/l in boring B-16 (4.9 ug/l), plus test pits TP-1 (11.5 ug/l) and TP-2 (4.7 ug/l). Concentrations of dissolved zinc in ground water exceed the SWPC of 123 ug/l in test pit TP-7 (291 ug/l). Concentrations of all other detected soluble metals in ground water were below the RSR established SWPC. Table 5 compiles the analytical result for soluble metals in each ground water sample.

Pesticides and Herbicides

No concentrations of pesticides or herbicides were detected above the method detection limit in any ground water sample. Table 4 compiles the analytical results for pesticides and herbicides in soil.

Waste Characterization and General Chemistry

Additional waste characterization and general chemistry parameters were performed on ground water samples submitted from borings B-4 and B-16. No ground water samples were ignitable or reactive. All ground water was below the method detection limit and specifically nonreactive to cyanide and sulfide. The pH of water ranged from 5.95 to 7.16 and thus nonhazardous. There are no RSR criteria established for these parameters. Table 5 compiles the analytical results for waste characterization and general chemistry parameters in ground water.

3.3 Summary of Railroad Tie Results

Concentrations of total arsenic, barium, chromium, and lead were detected in the buried railroad tie below the RSR for RDEC. Concentrations of leachable barium by the TCLP method were also detected below the GB PMC in the railroad tie. All other total and leachable metals were below the method detection limit in this buried material collected from test pit TP-7. No concentrations of PCBs were detected in the railroad tie. High concentrations of four SVOCs were detected in the railroad tie above the RDEC and/or GB PMC including chrysene (302.2 mg/kg), fluoranthene (761.1 mg/kg), phenanthrene (520 mg/kg), and pyrene (509 mg/kg). No other SVOCs were otherwise detected in the railroad tie. Table 6 compiles the analytical results for the buried railroad tie.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This section briefly summarizes the findings of the Task 210 subsurface site investigation activities conducted at the EBRY in May 2009 and subsequent recommendations. TRC reviewed Sanborn Fire Insurance Maps for the site and consistently identified manufacturing and commercial entities abutting the site to the south from 1913 to 1972. The entire rail yard as a whole is denoted as "full of tracks" on all Sanborn Maps. This historical map review assisted with the rationale for boring and test pit placement especially in the area comprising the MOW.

Soil

- Soil borings and test pits were advanced across the EBRY to depths of 12' bgs as practical. Generally soil across the site is fine to coarse-grained sand with some gravel and silt and is overlain with varying thicknesses of emplaced fill. Artificial fill thickness appears greater in the southern portion of the site and consists of sand with some gravel, silt, slag, ashes, cinders, and miscellaneous debris including railroad ties. Drilling refusal and pulverized bedrock was encountered sporadically from depths of 4-10' bgs across the site.

- Concentrations of ETPH, numerous SVOCs, and various total metals in soil across the site exceed the CT RSR for one or more criteria including the RDEC, I/CDEC and/or GB PMC. Contaminant exceedances in soil are found in 14 borings and test pits as follows: B-6, B-7, B-8, B-13, B-14, B-15, B-16, TP-2, TP-4, TP-5, TP-7, TP-9, TP-10, and TP-12. Most grab samples were generally collected from specific intervals within 0-6' bgs. Concentrations of various VOCs, numerous SVOCs, ETPH, PCBs, various total and leachable metals were detected in soil samples at concentrations below the applicable RSR criteria. No contaminants were detected in borings B-2, B-3, or B-4 above the method detection limit. Concentrations of total and leachable metals in soil from these borings are considered background levels.

At rail yards such as East Bridgeport, environmental concerns often result from track maintenance plus transportation operations, as yards are typically the "garage" of rail

lines where railcars and locomotives are maintained, refurbished, and stored. Petroleum products and metals are typically affiliated with these activities. It is also common to find high arsenic concentrations in soil as old railroad ties were historically dipped in an arsenic solution, arsenic weed-control sprays were applied, and arsenic-laced slag was used as railroad bed fill. Other sources of contamination associated with historic railroad operations might include coal ash from engines, creosote from ties, and SVOCs from diesel exhaust.

Ground Water

- TRC evaluated ground water quality across the site from four borings (B-1, B-4, B-10, and B-16) and three test pits (TP-1, TP-2, and TP-7). Ground water was encountered at 4 to 8' bgs in soil borings across the northern and central portions of the site and from 8 to 14' bgs in selected test pits within the southern portion of the EBRY. Concentrations of various PAHs plus several total and dissolved metals in ground water exceed the CT RSR SWPC. Concentrations of various VOCs, numerous SVOCs, ETPH, PCBs, various total and dissolved metals were also detected in ground water at concentrations below the applicable RSR criteria. It is expected that dewatering will be necessary during construction. The effluent would therefore require treatment for the constituents discussed above, prior to discharge into a sanitary sewer or surface water body. Best Management Practice should also be included that minimizes the collection of stormwater run-off in construction areas. This measure will reduce the potential of creating wastewater that would require management via treatment and/or disposal.

Railroad Ties

- High concentrations of four SVOCs were detected in the buried railroad tie collected from test pit TP-7 above the applicable CT RSR criteria including chrysene (302.2 mg/kg), fluoranthene (761.1 mg/kg), phenanthrene (520 mg/kg), and pyrene (509 mg/kg). Concentrations of various total and leachable metals were also detected in the railroad tie below the RSR criteria. No PCBs were detected in the railroad tie. During construction,

railroad ties encountered in the subsurface should be managed as a controlled material and disposed of offsite at a ConnDOT-approved facility.

Recommendations

- Based on the results of this subsurface investigation across the site, TRC recommends that a Task 310 Plans, Specifications, and Estimates be prepared that addresses the contamination identified above, relative to ConnDOT's improvement project at the EBRY. The Plans should identify Areas of Environmental Concern (AOECs) and Low Level Areas of Environmental Concern (LLAOECs) that may affect construction activities, associated contaminants, and affected media i.e. soil, ground water, and railroad ties. The plan should address the handling and disposal of all contaminated materials in a manner consistent with applicable regulations.

5.0 REFERENCES

Connecticut Department of Environmental Protection, February 1993. Water Quality Classifications, Housatonic, Hudson River and Southwest Coastal Basins. Scale 1:50,000.

DMJM and Harris, Inc. Report on Geotechncial Investigation East Bridgeport Railroad Yard Track Layout Study. Bridgeport, CT. June 2008.

Rogers, J. 1985. Bedrock Geological Map of Connecticut. State Geological and Natural History of Connecticut. Scale 1:125,000.

Sanborn Fire Insurance Maps 1913, 1939, 1950, and 1972.

Stone, J.R. 1992. Surficial Materials Map of Connecticut. U.S. Department of the Interior, U.S. Geological Survey. Scale 1:125,000.

Vanasse Hangen Brustlin, Inc. Preliminary Design Report East Bridgeport Rail Yard Improvements Project. Bridgeport, CT. State Project No. 300-130. January 2009.

6.0 LIMITATIONS AND EXCEPTIONS

Information used in this report regarding conditions and test data has been obtained in part by company personnel, its employees or agents, various governmental officials, and available public records. This information has been assumed by TRC to be correct and complete. Certain technical information has been obtained from maps and other published documents. Certain information reflects direct observations of conditions as they existed on the date of the inspection. Since this information is subject to professional interpretation, it could result in differing conclusions.

TRC makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation or that was not provided to TRC. Additional data subsequently provided, discovered, or produced may alter findings or conclusions made in this report. TRC is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based upon the information reasonably available and observed site conditions at the time of this study. Conditions may have changed since that time and the findings and conclusions of this report are not meant to be indicative of future conditions at the subject property. This report may not be relied on by any party other than the Connecticut Department of Transportation and its representatives.

This report does not warrant against: (1) operations or conditions which were not in evidence from visual observations or historical information obtained; (2) conditions which could only be determined by physical sampling or other intrusive investigation techniques; or (3) locations other than the client provided addresses and/or legal parcel description or information on off-site location (with possible impact on the subject properties) not published in available records.

This report is presumed to be valid until TRC obtains specific information that may materially alter a Finding, Conclusion, or Opinion in this report.

FIGURES

Figure 1 Site Location Map

Figure 2 Environmental Sample Locations

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Table 3 Soil Analytical Results - Metals and General Chemistry

Table 4 Ground Water Analytical Results - VOCs, SVOCs, ETPH, PCBs, Pesticides and Herbicides

Table 5 Ground Water Analytical Results - Metals and General Chemistry

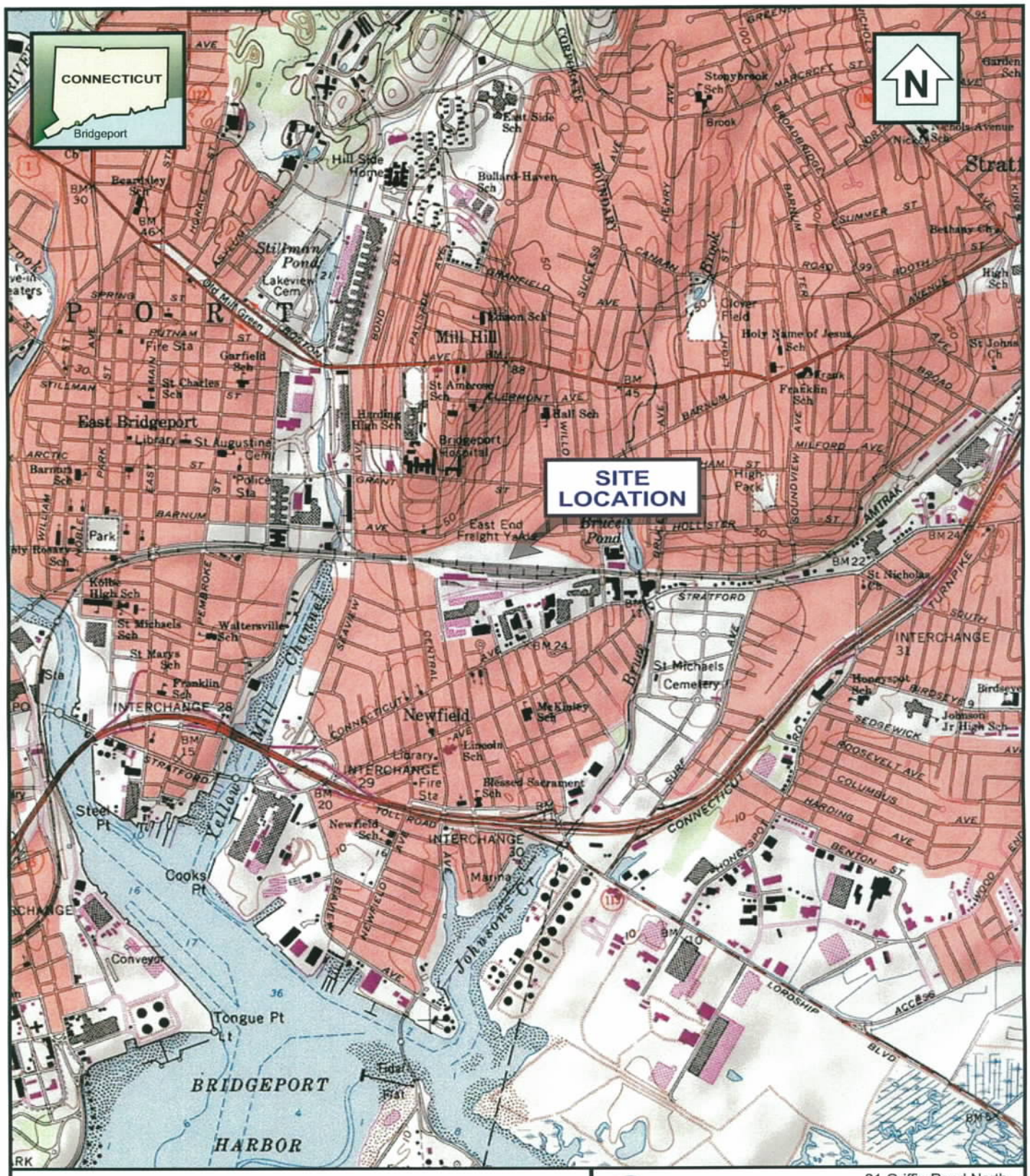
Table 6 Railroad Ties Analytical Results

APPENDICES

Appendix A Soil Boring and Test Pit Logs

Appendix B Laboratory Analytical Reports

Appendix C Sanborn Fire Insurance Maps



0 2000
SCALE FEET

0 1
SCALE MILE

1:24000

BASE CREATED WITH TOPO™ © 1996 WILDFLOWERS PRODUCTIONS, www.topo.com
BRIDGEPORT, CT - 7.5' USGS TOPOGRAPHIC MAP

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21 Griffin Road North
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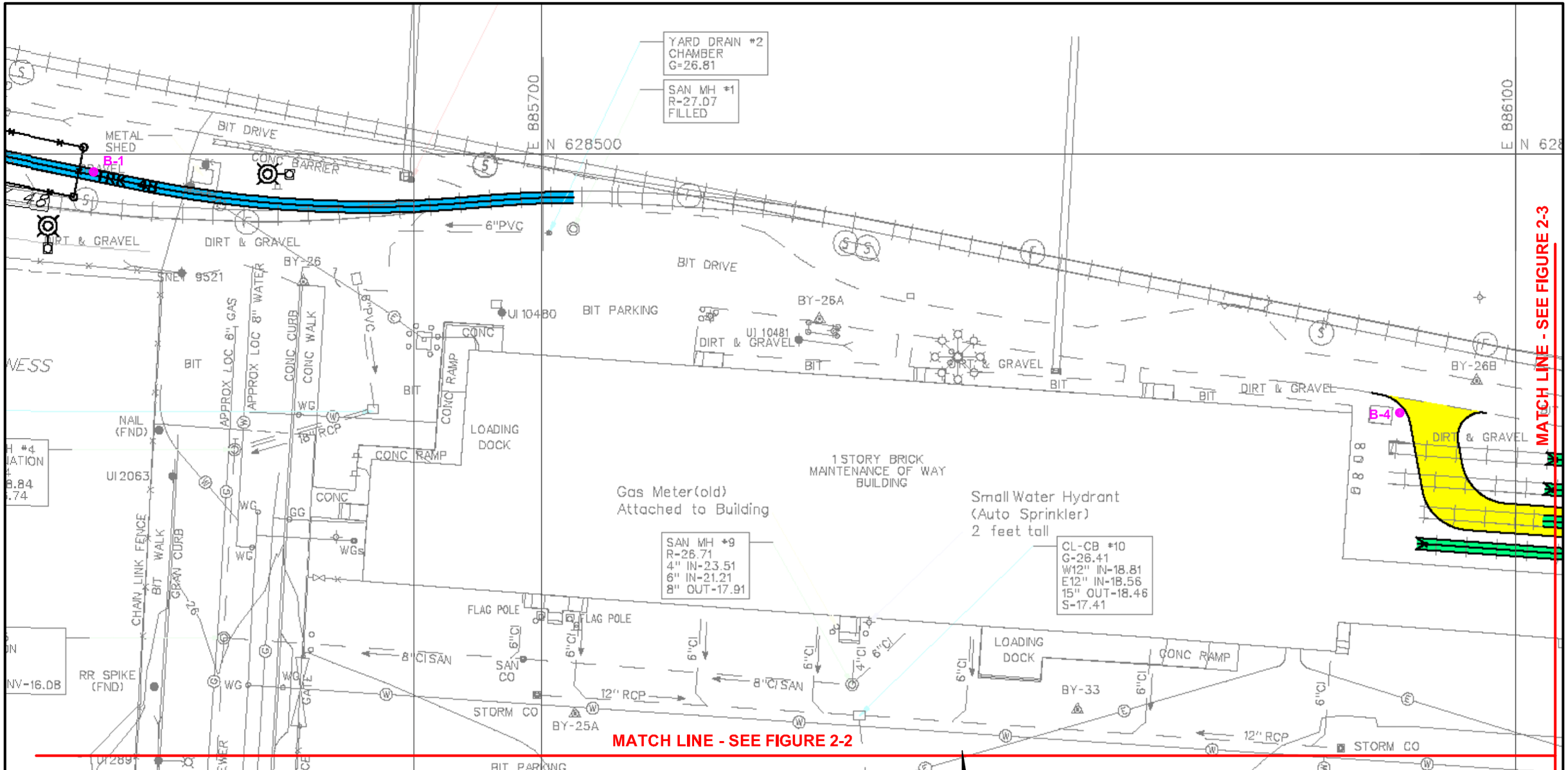
CONNDOT PROJECT NO. 300-130
EAST BRIDGEPORT RAIL YARD,
BRIDGEPORT, CONNECTICUT

FIGURE 1
SITE LOCATION MAP

Date: 06/09 | **Project No.** 107307.3704.000210



LEGEND

- TRACK REMOVAL
- EXISTING TRACK
- TRK XX — RECONSTRUCTED/PROPOSED TRACK
- REVENUE TRACK WITH OVERHEAD CATENARY SYSTEM (OCS)
- CATENARY MAINTENANCE VEHICLE TRACK
- MOW TRACK WITHOUT OCS
- AT-GRADE RAILROAD CROSSING
- PERVIOUS PAVEMENT STRUCTURE
- BITUMINOUS CONCRETE ACCESS DRIVE
- 8' CHAIN LINK FENCE WITH BARBED WIRE
- CHAIN LINK SWING GATE 8' HIGH WITH BARBED WIRE
- RELOCATED EXISTING HIGHMAST LIGHT POLE AND EXISTING LUMINAIRES ON FOUNDATION
- HIGHMAST LIGHT POLE, FOUNDATION AND LUMINAIRES (10-1000 WATT MH, FULL CUT-OFF LUMINAIRES, SYMMETRIC DISTRIBUTION, 100 FT MOUNTING HEIGHT)
- LIGHT POLE, FOUNDATION AND LUMINAIRE (1-400 WATT MH, FULL CUT-OFF LUMINAIRE, SYMMETRIC DISTRIBUTION, 40 FT MOUNTING HEIGHT)
- TP-1 — TEST PIT LOCATION
- SB-1 — SOIL BORING LOCATION

N W E S

CT Grid '83

0 40' 80'

GRAPHIC SCALE

J:\CAD\107307\003704\
Plate-1.dwg Layout:FIGURE 2-1 June 25, 2009-8:39AM khollenbeck

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ConnDOT EAST BRIDGEPORT RAIL YARD
Union Avenue, Bridgeport, CT
State Project #300-130

FIGURE 2-1
SOIL BORING AND TEST PIT LOCATIONS

Date: 06/24/09 | Project No. 107307-003704-000310

MATCH LINE - SEE FIGURE 2-1

MATCH LINE - SEE FIGURE 2-3

BIT PARKING

BIT PARKING

STORM CO

RR MATERIALS STORAGE

RR MATERIALS STORAGE

BIT (EQUIPMENT STORAGE)

2 STORY BRICK BLDG

BIT WALK

GRAN CURB

10"X15" COMB SEWER

CONC WALK

CHAIN LINK FENCE

30" RCP

15" RCP

WG

WM

BY-25

UI 289

UI 288

UI 287

UI 1161

UI 5317

NY-1

NY-2

B-2

B-3

E 885700

E 886100

N 628100

BIT COVERED GRANITE PAVING STONES

GRAVEL

"CL" CBs

Dry Wells

CONC VAULT

CONC CURB

APPROX

LLC

PEQUO

AN MH #7
OMBINATION
-23.45
" IN-15.35
V-14.15

CL-CB #11
G=24.34
15" IN=17.54
30" IN=16.59
30" OUT=16.49
S-14.79

STORM MH #12
INACCESSIBLE
R-25.44
INV-17.4'+-
FROM 15-157 PLANS

CL-CB #13
G=24.37
30" IN=17.87
30" OUT=17.82
S=16.57

LEGEND

- TRACK REMOVAL
- EXISTING TRACK
- RECONSTRUCTED/PROPOSED TRACK
- REVENUE TRACK WITH OVERHEAD CATENARY SYSTEM (OCS)
- CATENARY MAINTENANCE VEHICLE TRACK
- MOW TRACK WITHOUT OCS
- AT-GRADE RAILROAD CROSSING
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- HIGHMAST LIGHT POLE, FOUNDATION AND LUMINAIRES (10-1000 WATT MH, FULL CUT-OFF LUMINAIRES, SYMMETRIC DISTRIBUTION, 100 FT MOUNTING HEIGHT)
- LIGHT POLE, FOUNDATION AND LUMINAIRE (1-400 WATT MH, FULL CUT-OFF LUMINAIRE, SYMMETRIC DISTRIBUTION, 40 FT MOUNTING HEIGHT)
- TP-1 TEST PIT LOCATION
- SB-1 SOIL BORING LOCATION

N W E S

CT Grid '83

0 40' 80'

GRAPHIC SCALE

J:\CAD\107307\003704\
Plate-1.dwg Layout:FIGURE 2-2 June 25, 2009-8:48AM khollenbeck

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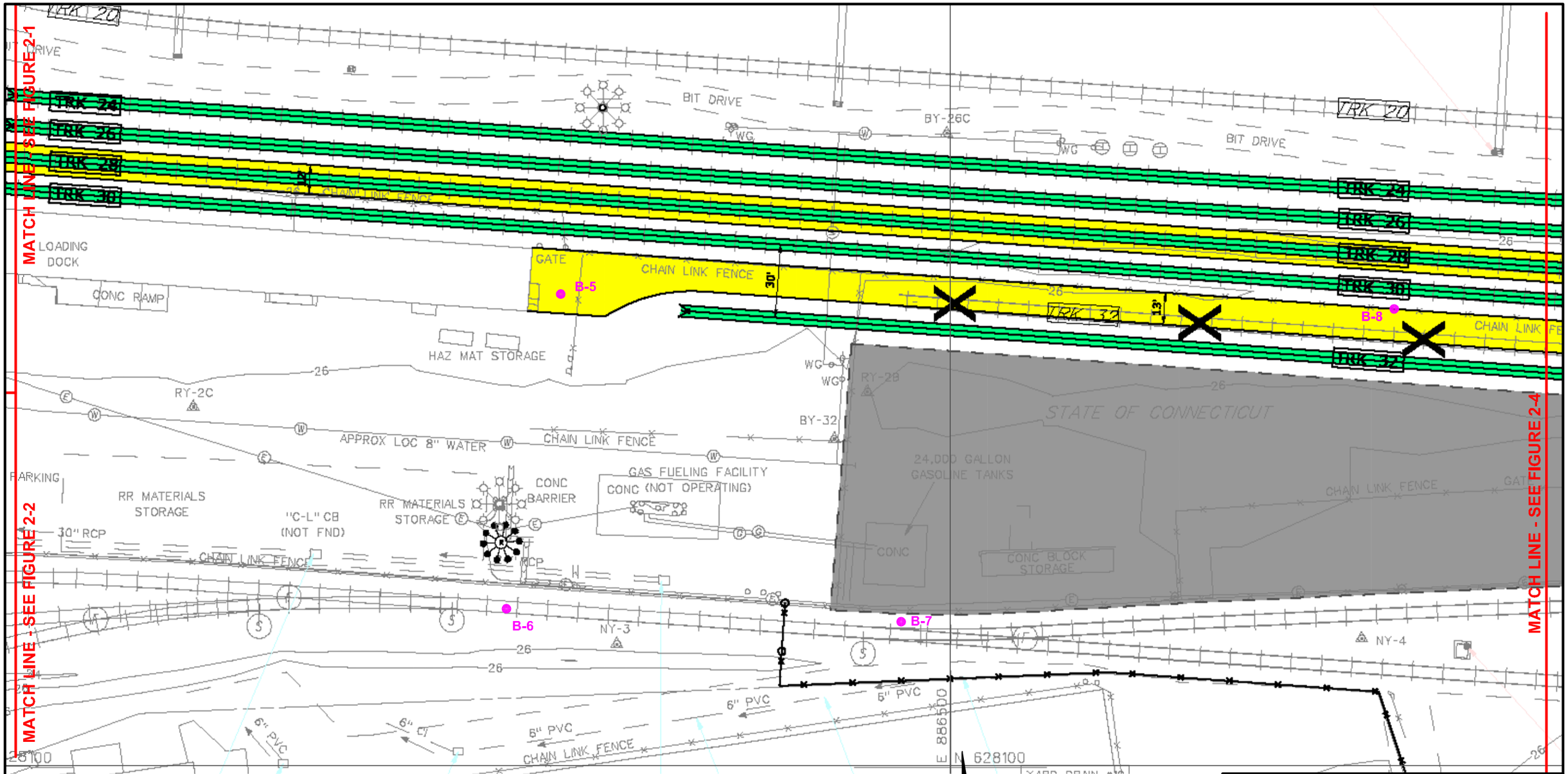
State Project #300-130

FIGURE 2-2
SOIL BORING AND TEST PIT LOCATIONS

Date: 06/24/09 | Project No. 107307-003704-000310



LEGEND

- TRACK REMOVAL
- EXISTING TRACK
- RECONSTRUCTED/PROPOSED TRACK
- REVENUE TRACK WITH OVERHEAD CATENARY SYSTEM (OCS)
- CATENARY MAINTENANCE VEHICLE TRACK
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- 8' CHAIN LINK FENCE WITH BARBED WIRE
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- RELOCATED EXISTING HIGHMAST LIGHT POLE AND EXISTING LUMINAIRES ON FOUNDATION
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- LIGHT POLE, FOUNDATION AND LUMINAIRE (1-400 WATT MH, FULL CUT-OFF LUMINAIRE, SYMMETRIC DISTRIBUTION, 40 FT MOUNTING HEIGHT)
- TP-1 TEST PIT LOCATION
- SB-1 SOIL BORING LOCATION

N W E S

CT Grid '83

0 40' 80'

GRAPHIC SCALE

J:\CAD\107307\003704\
Plate-1.dwg Layout:FIGURE 2-3 June 25, 2009-8:58AM khollenbeck

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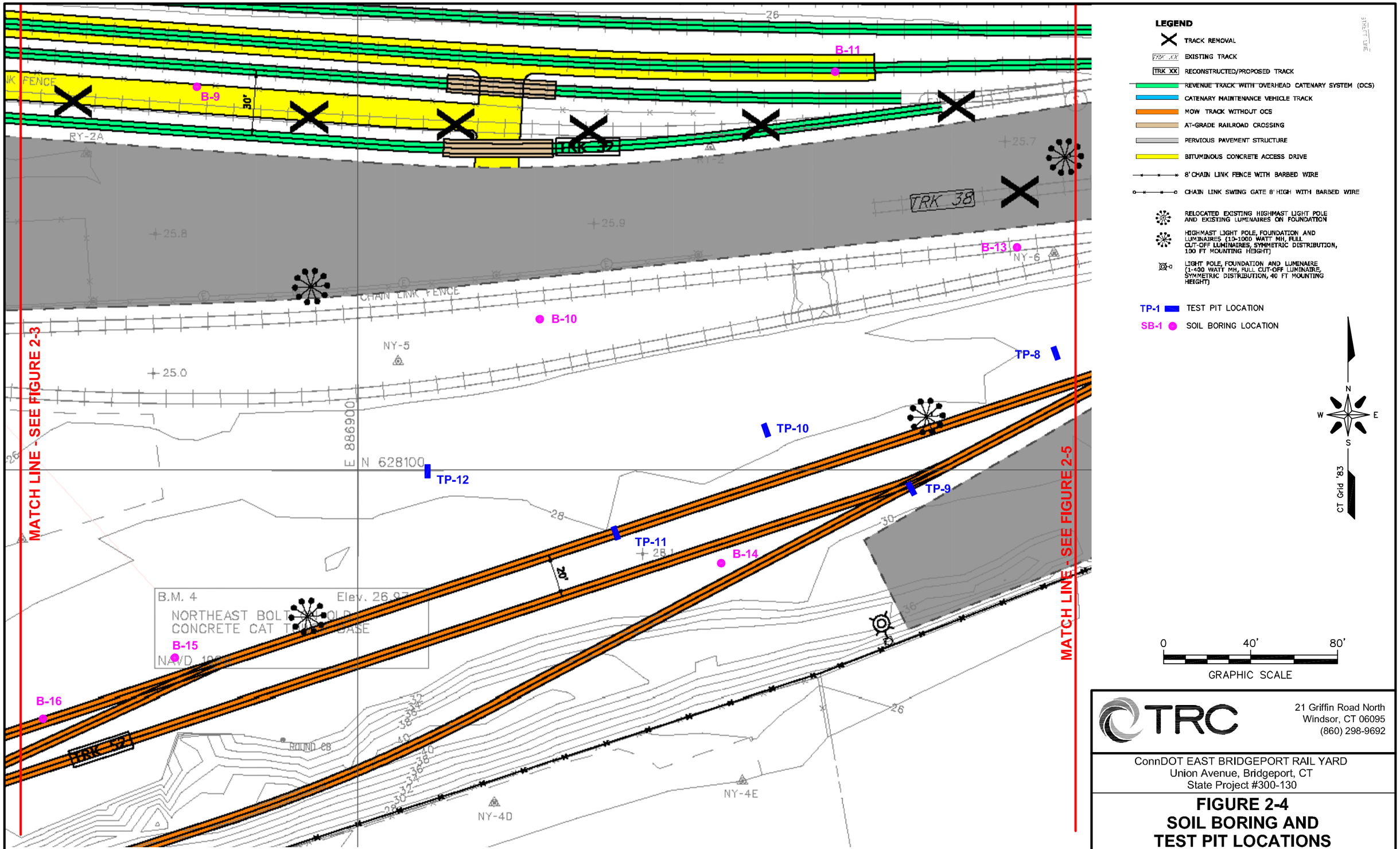
State Project #300-130

FIGURE 2-3
SOIL BORING AND TEST PIT LOCATIONS

Date: 06/24/09 | Project No. 107307-003704-000310



J:\CAD\107307\003704\
Plate-1.dwg Layout:FIGURE 2-4 June 25, 2009-9:06AM khollenbeck

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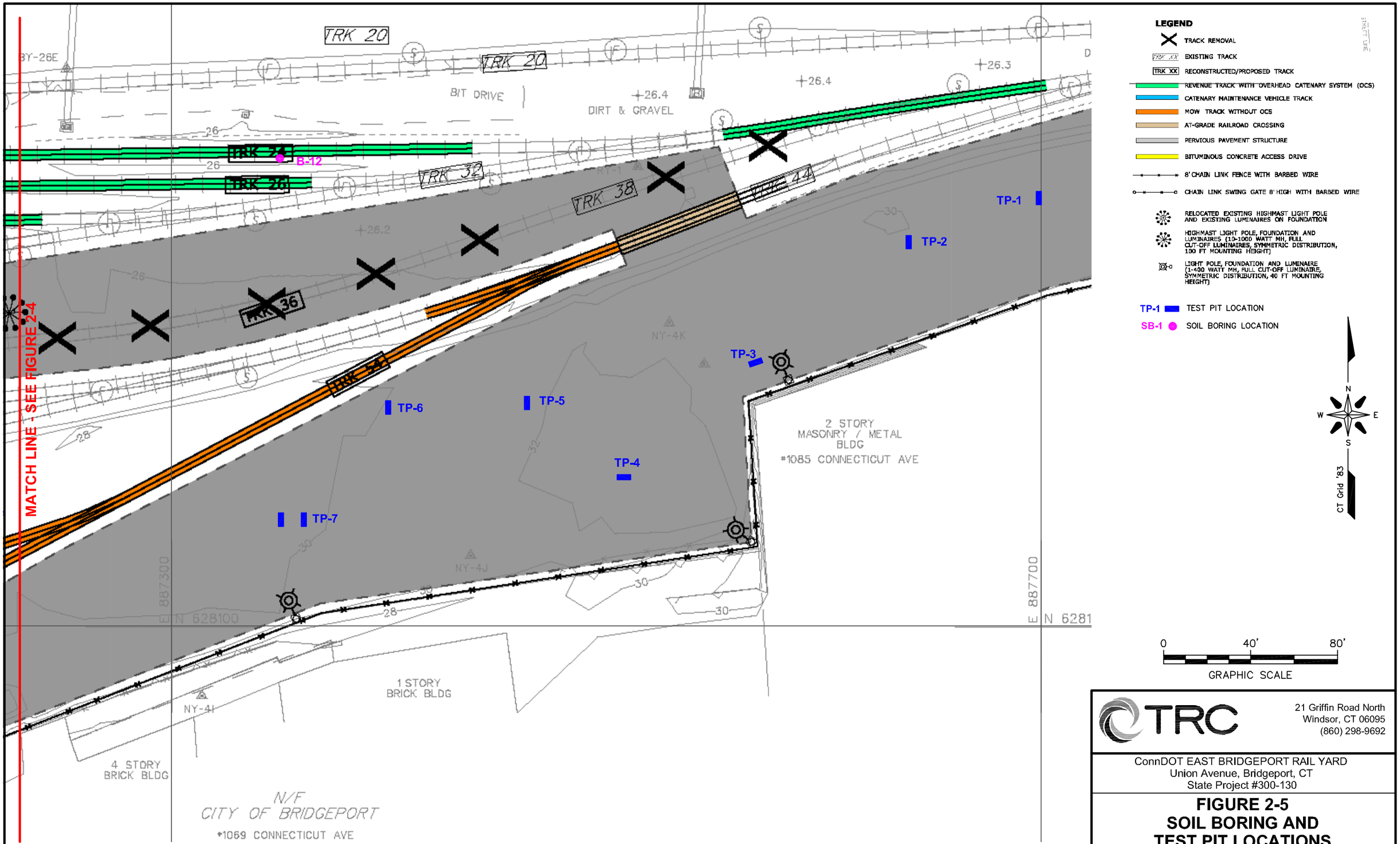
State Project #300-130

FIGURE 2-4
SOIL BORING AND TEST PIT LOCATIONS

Date: 06/24/09	Project No. 107307-003704-000310



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Union Avenue, Bridgeport, CT
State Project #300-130

FIGURE 2-5
SOIL BORING AND TEST PIT LOCATIONS

Date: 06/24/09 | **Project No. 107307-003704-000310**

J:\CAD\107307\003704\
Plate-1.dwg Layout:FIGURE 2-5 June 25, 2009-9:14AM khollenbeck

Table 1
Sample Summary
I-95 Infrastucture Improvements & Auxiliary Lane Interchange 14 to 15, Norwalk, CT
ConnDOT Project No. 102-278/306
March 2009

TRC Project No. 107307.003631.000210

Field Sample ID	Sample Matrix	Sample Depth into Substrate (feet)	Date Sampled	VOCs	SVOCs Total/SPLP	ETPH	PCBs	RCRA 8 Metals Total/SPLP	Pesticides	Metals[1] Total/SPLP/ TCLP[2]	Herbicides	Cyanide (total)	Sodium/ Chloride/ Nitrates	Flashpoint/ Ignitability/ Corrosivity	Reactivity /Cyanide/ Sulfide	Sample Location/Selection Rationale
B-1 (0-2)	Soil	0-2	1/6/2009	x	x	x	x		x	x	x	x	x	x	x	Footprint of improvements, utilities in the vicinity
B-1 (5-7)	Soil	5-7	1/6/2009	x	x	x	x	x								Vertical profile, stained soils in shallow sample
B-2 (2-4)	Soil	2-4	1/6/2009	x	x	x	x	x								Footprint of improvements
B-3 (1-3)	Soil	1-3	1/5/2009	x	x	x	x	x								Footprint of improvements
B-4 (1-3.5)	Soil	1-3.5	1/5/2009	x	x	x	x	x								Footprint of improvements
B-5 (1-3.5)	Soil	1-3.5	1/5/2009	x	x	x	x	x								Footprint of improvements
B-6 (0-2)	Soil	0-2	1/5/2009	x	x	x	x	x								Footprint of improvements
B-7 (2-4)	Soil	2-4	1/5/2009	x	x	x	x		x	x	x	x	x	x	x	Footprint of improvements, stained soils, staged construction equipment
B-8 (0-2)	Soil	0-2	1/6/2009	x	x	x	x	x								Footprint of improvements
B-9 (2-4)	Soil	2-4	1/5/2009	x	x	x	x	x								Footprint of improvements
B-10 (0-2)	Soil	0-2	1/5/2009	x	x	x	x	x								Footprint of improvements
B-11 (2-4)	Soil	2-4	1/5/2009	x	x	x	x	x								Footprint of improvements
B-12 (1-3)	Soil	1-3	1/5/2009	x	x	x	x	x								Footprint of improvements
B-13 (2-4)	Soil	2-4	1/5/2009	x	x	x	x		x	x	x	x	x	x	x	Footprint of improvements, stained soils, staged construction equipment
B-14 (0-2)	Soil	0-2	1/6/2009	x	x	x	x	x								Footprint of improvements

Notes:
RCRA 8 Metals - Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver
SPLP - Synthetic Precipitate Leaching Process
TCLP - Toxicity Characteristic Leachate Process
[1] - RCRA 8 plus Antimony, Beryllium, Copper, Nickel, Thallium, Vanadium, and Zinc
[2] - TCLP analysis only performed on sample B-7 (2-4)

Table 2
Soil - VOCs, SVOCs, ETPH, PCBs, Pesticides, and Herbicides
ConnDOT Task 210
East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
All Measurement Units mg/kg or mg/l

Sample ID:				SA95070-01	SA95070-16	SA95070-15	SA95070-02	SA95070-07	SA95070-14	SA95070-13	SA95070-08	SA95070-09	SA95070-10	SA95070-04	SA95070-03	SA95070-05	SA95070-06
Sample Location:				**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**	**B-10**	**B-11**	**B-12**	**B-13**	**B-14**
Sample Depth BSG:				0-2'	0-2'	0-2'	5-7'	1-3'	2-4'	0-2'	0-2'	0-2'	0-2'	0-4'	0-2'	0-2'	2-4'
	CT Remediation Standard Regulations																
VOCs - EPA Method 5035/8260	**RDEC**	**I/C DEC**	**GB PMC**														
Acetone	500	1,000	140	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.675**	**0.0801**
Benzene	21	200	0.2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.0641**	BRL	BRL
n-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	**2.94**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
sec-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	**1.82**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
tert-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	**0.0732**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Carbon Tetrachloride	4.7	44	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chloroform	100	940	1.2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
cis-1,2-Dichloroethene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
trans-1,2-Dichloroethene	500	1,000	20	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Ethylbenzene	500	1,000	10.1	BRL	BRL	BRL	BRL	BRL	**0.825**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Isopropylbenzene	500	1,000	132	BRL	BRL	BRL	BRL	BRL	**0.667**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
4-Isopropyltoluene	500	1,000	41.8	BRL	BRL	BRL	BRL	BRL	**1.64**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Naphthalene	1,000	2,500	56	BRL	BRL	BRL	BRL	**0.092**	**3.88**	BRL	BRL	BRL	BRL	BRL	**0.181**	**0.108**	BRL
n-Propylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	**1.87**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Tetrachloroethene	12	110	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Toluene	500	1,000	67	BRL	BRL	BRL	BRL	**0.098**	BRL	BRL	BRL	BRL	BRL	BRL	**0.167**	**0.168**	BRL
1,1,1-Trichloroethane	500	1,000	40	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Trichloroethene	56	520	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
1,2,4-Trimethylbenzene	500	1,000	70	BRL	BRL	BRL	BRL	**0.275**	**8.59**	BRL	BRL	BRL	BRL	BRL	**0.284**	**0.264**	BRL
1,3,5-Trimethylbenzene	500	1,000	70	BRL	BRL	BRL	BRL	BRL	**2.31**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Vinyl Chloride	0.32	3	0.4	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Xylenes	500	1,000	19.5	BRL	BRL	BRL	BRL	BRL	**1.135**	BRL	BRL	BRL	BRL	BRL	**0.253**	**0.0727**	BRL
All Other VOCs - BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
CT ETPH - CT Method																	
ETPH	**500**	**2,500**	**2,500**	**47**	BRL	BRL	BRL	**296**	**1,030**	**146**	BRL	**45.4**	**71.6**	**67.8**	**60.7**	**79.7**	**203**
PCBs - EPA Method 8082																	
Total PCBs	1	10	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.806**
All Other PCBs - BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP PCBs 1312/8082	~	~	0.005	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SVOCs and Polynuclear Aromatics - EPA Method 8270																	
Acenaphthene	1,000	2,500	84	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Acenaphthylene	1,000	2,500	84	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Anthracene	1,000	2,500	400	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Benzo (a) anthracene	**1**	**7.8**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**0.771**	BRL	BRL	BRL	**0.451**	BRL	**0.904**	**0.974**
Benzo (a) pyrene	**1**	**1**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**0.844**	BRL	BRL	BRL	**0.427**	BRL	**0.793**	**0.848**
Benzo (b) fluoranthene	**1**	**7.8**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**1.81**	BRL	BRL	**0.51**	**0.821**	BRL	**1.11**	**1.29**
Benzo (g,h,i) perylene	1,000	2,500	42	BRL	BRL	BRL	BRL	BRL	BRL	**0.493**	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Benzo (k) fluoranthene	**8.4**	78	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**0.63**	BRL	BRL	BRL	BRL	BRL	**0.43**	**0.513**
Bis (2-ethylhexyl) phthalate	44	410	11	BRL	BRL	BRL	BRL	BRL	BRL	**0.738**	BRL	BRL	BRL	BRL	BRL	BRL	**0.431**
Carbazole	31	290	**1**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chrysene	84	780	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**1.29**	BRL	BRL	**0.414**	**0.525**	BRL	**0.837**	**1.22**
Dibenzo[a,h]anthracene	**1**	**1**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Dibenzofuran	270	2,500	5.6	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Fluoranthene	1,000	2,500	56	BRL	BRL	BRL	BRL	BRL	BRL	**1.69**	BRL	BRL	**0.667**	**1.15**	BRL	**0.945**	**1.77**
Fluorene	1,000	2,500	56	BRL	BRL	BRL	BRL	BRL	**0.51**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Indeno (1,2,3-cd) pyrene	**1**	**7.8**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	**0.538**	BRL	BRL	BRL	BRL	BRL	BRL	BRL
1-Methylnaphthalene	NE	NE	NE	BRL	BRL	BRL	BRL	BRL	**1.78**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2-Methylnaphthalene	474	2,500	9.8	BRL	BRL	BRL	BRL	BRL	**1.56**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Naphthalene	1,000	2,500	56	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Phenanthrene	1,000	2,500	40	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Pyrene	1,000	2,500	40	BRL	BRL	BRL	BRL	BRL	**0.652**	**2.16**	BRL	BRL	**0.66**	**1.05**	BRL	**1.59**	**2.9**
All Other SVOCs and/or PAHs BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Organochlorine Pesticides - EPA Method 8081A																	
All Pesticides BRL				*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
Chlorinated Herbicides - EPA Method 8151A																	
All Herbicides BRL				*	*	*	BRL	*	*	*	*	*	*	*	*	*	*

Notes:

** trivalent chromium/hexavalent chromium
RDEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - GB Pollutant Mobility Criteria

BRL - Below Reporting Limit
* Not Analyzed
NE - Not Established
~ Not Applicable

Shaded area indicates levels detected or calculated above RSR Criteria

Table 2
Soil - VOCs, SVOCs, ETPH, PCBs, Pesticides, and Herbicides
ConnDOT Task 210
East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
All Measurement Units mg/kg or mg/l

Sample ID:				SA95070-11	SA95070-12	SA95070-17	SA95070-18	SA95203-019	SA95203-01	SA95203-02	SA95203-03	SA95203-04	SA95203-05	SA95203-06	SA95203-07	SA95203-08	SA95203-09
Sample Location:				**B-15**	**B-16**	**TP-1**	**TP-2**	**TP-3**	**TP-4**	**TP-5**	**TP-6**	**TP-7**	**TP-8**	**TP-9**	**TP-10**	**TP-11**	**TP-12**
Sample Depth BSG:				2-4'	0-3'	0-2'	4-6'	0-2'	2-4'	1-3'	1-3'	1-3'	0-2'	3-6'	1-3'	2-4'	2-4'
	CT Remediation Standard Regulations																
VOCs - EPA Method 5035/8260	**RDEC**	**I/C DEC**	**GB PMC**														
Acetone	500	1,000	140	BRL	BRL	BRL	**0.0906**	BRL	**0.0835**	**0.142**	**0.183**	BRL	BRL	**0.0962**	BRL	BRL	**0.0581**
Benzene	21	200	0.2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
n-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
sec-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
tert-Butylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Carbon Tetrachloride	4.7	44	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chloroform	100	940	1.2	**0.0161**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
cis-1,2-Dichloroethene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
trans-1,2-Dichloroethene	500	1,000	20	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Ethylbenzene	500	1,000	10.1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Isopropylbenzene	500	1,000	132	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
4-Isopropyltoluene	500	1,000	41.8	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.37**	**0.13**	BRL	**0.193**	**0.155**	BRL
Naphthalene	1,000	2,500	56	BRL	**0.248**	BRL	BRL	**0.0347**	BRL	BRL	BRL	**10.1**	BRL	**0.0602**	BRL	**0.894**	BRL
n-Propylbenzene	500	1,000	14	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Tetrachloroethene	12	110	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.297**	BRL	BRL
Toluene	500	1,000	67	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.343**	**0.181**	**0.181**	**0.597**	**0.316**	BRL
1,1,1-Trichloroethane	500	1,000	40	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Trichloroethene	56	520	1	**0.0098**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**0.132**	BRL	BRL
1,2,4-Trimethylbenzene	500	1,000	70	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
1,3,5-Trimethylbenzene	500	1,000	70	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Vinyl Chloride	0.32	3	0.4	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Xylenes	500	1,000	19.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
All Other VOCs - BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
CT ETPH - CT Method																	
ETPH	**500**	**2,500**	**2,500**	**381**	**1,490**	**158**	**407**	**222**	**257**	**130**	**40.8**	**643**	**264**	**2,300**	**551**	**278**	**564**
PCBs - EPA Method 8082																	
Total PCBs	1	10	~	BRL	**0.0203**	BRL	**0.0359**	**0.3512**	**0.1246**	BRL	BRL	**0.0925**	**0.0365**	**0.591**	**0.1061**	**0.3776**	**0.795**
All Other PCBs - BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP PCBs 1312/8082	~	~	0.005	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SVOCs and Polynuclear Aromatics - EPA Method 8270																	
Acenaphthene	1,000	2,500	84	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.26**	BRL	**7.81**	**7.81**	BRL	BRL
Acenaphthylene	1,000	2,500	84	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.25**	BRL	BRL	BRL	BRL	BRL
Anthracene	1,000	2,500	400	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.84**	BRL	**13.1**	**13.1**	BRL	BRL
Benzo (a) anthracene	**1**	**7.8**	**1**	BRL	BRL	**0.443**	**2.06**	**0.878**	**0.965**	BRL	BRL	**5.25**	BRL	**28.8**	**1.13**	BRL	BRL
Benzo (a) pyrene	**1**	**1**	**1**	BRL	BRL	**0.449**	BRL	**0.801**	**1.08**	BRL	BRL	**4.87**	BRL	**25.8**	**1.18**	BRL	BRL
Benzo (b) fluoranthene	**1**	**7.8**	**1**	BRL	BRL	**0.537**	BRL	**0.935**	**1.46**	**0.565**	BRL	**8.59**	BRL	**30.7**	**1.03**	**0.95**	**0.95**
Benzo (g,h,i) perylene	1,000	2,500	42	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**2.18**	BRL	**11.2**	BRL	BRL	BRL
Benzo (k) fluoranthene	**8.4**	78	**1**	BRL	BRL	BRL	BRL	**0.53**	**1.04**	BRL	BRL	**4.41**	BRL	**23**	**0.952**	BRL	BRL
Bis (2-ethylhexyl) phthalate	44	410	11	BRL	BRL	BRL	BRL	**1.23**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**2.57**
Carbazole	31	290	**1**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**6.63**	BRL	BRL	BRL
Chrysene	84	780	**1**	BRL	BRL	**0.47**	**2.32**	**0.983**	**1.29**	BRL	BRL	**6.47**	BRL	**25.7**	**1.5**	**0.885**	BRL
Dibenzo[a,h]anthracene	**1**	**1**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.05**	BRL	**5.77**	BRL	BRL	BRL
Dibenzofuran	270	2,500	5.6	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**3.49**	BRL	BRL	BRL
Fluoranthene	1,000	2,500	56	BRL	BRL	**0.753**	**4.45**	**1.78**	**1.6**	**0.612**	BRL	**8.64**	BRL	**42.2**	**1.9**	**1.54**	**0.918**
Fluorene	1,000	2,500	56	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.24**	BRL	**6.8**	BRL	BRL	BRL
Indeno (1,2,3-cd) pyrene	**1**	**7.8**	**1**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**2.54**	BRL	**12.6**	BRL	BRL	BRL
1-Methylnaphthalene	NE	NE	NE	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2-Methylnaphthalene	474	2,500	9.8	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**1.08**	BRL	BRL	BRL	BRL	BRL
Naphthalene	1,000	2,500	56	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	**3.53**	BRL	**3.23**	BRL	BRL	BRL
Phenanthrene	1,000	2,500	40	BRL	BRL	BRL	**4.41**	**1.57**	BRL	BRL	BRL	**5.16**	BRL	**39.5**	**1.1**	BRL	BRL
Pyrene	1,000	2,500	40	BRL	BRL	**0.687**	**4.34**	**1.65**	**1.63**	**0.612**	BRL	**8.2**	BRL	**37.8**	**2.29**	**1.46**	**1.05**
All Other SVOCs and/or PAHs BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Organochlorine Pesticides - EPA Method 8081A																	
All Pesticides BRL				*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
Chlorinated Herbicides - EPA Method 8151A																	
All Herbicides BRL				*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*

Notes:

** trivalent chromium/hexavalent chromium
RDEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - GB Pollutant Mobility Criteria

BRL - Below Reporting Limit
* Not Analyzed
NE - Not Established
~ Not Applicable

Shaded area indicates levels detected or calculated above RSR Criteria

Table 3
Soil - Metals and General Chemistry
ConnDOT Task 210 East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
All Measurement Units mg/kg or mg/l

Sample ID:				SA95070-01	SA95070-16	SA95070-15	SA95070-02	SA95070-07	SA95070-014	SA95070-013	SA95070-08	SA95070-09	SA95070-10	SA95070-04	SA95070-03	SA95070-05	SA95070-06
Sample Location:				**B-1**	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**	**B-8**	**B-9**	**B-10**	**B-11**	**B-12**	**B-13**	**B-14**
Sample Depth BSG:				0-2'	0-2'	0-2'	5-7'	1-3'	2-4'	0-2'	0-2'	0-2'	0-2'	0-4'	0-2'	0-2'	2-4'
	CT Remediation Standard Regulations																
Total Metals - EPA Method 6010 (Mercury 7471)	**RDEC**	**I/C DEC**	**GB PMC**														
Total Antimony	27	8,200	~	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
Total Arsenic	**10**	**10**	~	**7.1**	**4.31**	**5.38**	**2.98**	**6.71**	**3.91**	**31.6**	**20.6**	**3.44**	**6.89**	**9.52**	**9.19**	**22.2**	**10.9**
Total Barium	4,700	140,000	~	**34.6**	**22.5**	**38.1**	**42.1**	**65**	**30.7**	**34.7**	**46.7**	**49.3**	**35.6**	**34.6**	**76.8**	**64.4**	**309**
Total Beryllium	2	2	~	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
Total Cadmium	**34**	1,000	~	**0.567**	BRL	BRL	BRL	**0.814**	BRL	**0.716**	**0.807**	BRL	BRL	**0.607**	**0.929**	**0.89**	**7.7**
Total Chromium	3,900/100**	51,000/100**	~	**13.9**	**6.02**	**16.1**	**14.5**	**15.8**	**13.7**	**15**	**14.2**	**15.8**	**12.6**	**14.3**	**30.7**	**16.7**	**34.8**
Total Copper	2,500	76,000	~	*	*	*	**8.71**	*	*	*	*	*	*	*	*	*	*
Total Lead	**400**	**1,000**	~	**129**	**6.6**	**13.1**	**15.7**	**135**	**10.8**	**29.4**	**62.7**	**21.6**	**36.5**	**248**	**240**	**106**	**230**
Total Mercury	20	610	~	**0.0938**	BRL	**0.0508**	**0.0393**	**0.161**	**0.039**	**0.0414**	**0.133**	**0.0348**	BRL	**0.0496**	**0.0633**	**0.472**	**0.472**
Total Nickel	1,400	7,500	~	*	*	*	**8.44**	*	*	*	*	*	*	*	*	*	*
Total Selenium	340	10,000	~	**2.49**	**1.61**	**3.26**	**3.71**	**2.91**	**3.57**	**2.1**	**2.42**	**3.85**	BRL	**2.2**	**3.95**	**2.36**	BRL
Total Silver	340	10,000	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Total Thallium	5.4	160	~	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
Total Vanadium	470	14,000	~	*	*	*	**29.9**	*	*	*	*	*	*	*	*	*	*
Total Zinc	20,000	610,000	~	*	*	*	**26.8**	*	*	*	*	*	*	*	*	*	*
SPLP Metals - EPA Method 6010/1312/7000																	
SPLP Antimony	~	~	0.06	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Arsenic	~	~	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Barium	~	~	10	**0.05**	**0.0102**	**0.0119**	**0.0193**	**0.0218**	**0.0463**	**0.0235**	**0.036**	**0.0136**	**0.0136**	**0.0149**	**0.0116**	**0.0144**	**0.041**
SPLP Beryllium	~	~	0.04	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Cadmium	~	~	0.05	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Chromium	~	~	0.5	BRL	BRL	BRL	**0.0054**	BRL	BRL	BRL	**0.0061**	BRL	BRL	BRL	BRL	BRL	**0.0052**
SPLP Copper	~	~	13	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Lead	~	~	0.15	**0.0198**	BRL	BRL	BRL	BRL	BRL	BRL	**0.015**	BRL	BRL	**0.0256**	**0.0106**	BRL	**0.0276**
SPLP Mercury	~	~	0.02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Nickel	~	~	1	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Selenium	~	~	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Silver	~	~	0.36	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Thallium	~	~	0.05	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Vanadium	~	~	0.5	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
SPLP Zinc	~	~	50	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Metals - EPA Method 6010/1311/7000																	
TCLP Antimony	~	~	0.06	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Arsenic	~	~	0.5	*	*	*	**0.0144**	*	*	*	*	*	*	*	*	*	*
TCLP Barium	~	~	10	*	*	*	**0.422**	*	*	*	*	*	*	*	*	*	*
TCLP Beryllium	~	~	0.04	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Cadmium	~	~	0.05	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Chromium	~	~	0.5	*	*	*	**0.0082**	*	*	*	*	*	*	*	*	*	*
TCLP Copper	~	~	13	*	*	*	**0.0102**	*	*	*	*	*	*	*	*	*	*
TCLP Lead	~	~	**0.15**	*	*	*	**0.028**	*	*	*	*	*	*	*	*	*	*
TCLP Mercury	~	~	0.02	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Nickel	~	~	1	*	*	*	**0.0062**	*	*	*	*	*	*	*	*	*	*
TCLP Selenium	~	~	0.5	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Silver	~	~	0.36	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Thallium	~	~	0.05	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Vanadium	~	~	0.5	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
TCLP Zinc	~	~	50	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
General Chemistry																	
Ignitability - EPA Method 1030	~	~	~	*	*	*	Negative	*	*	*	*	*	*	*	*	*	*
pH - EPA Method 9045C	~	~	~	*	*	*	6.9	*	*	*	*	*	*	*	*	*	*
Reactivity Cyanide/Sulfide - Ch 7.3	~	~	~	*	*	*	Nonreactive	*	*	*	*	*	*	*	*	*	*
Reactivity Cyanide	~	~	~	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*
Reactivity Sulfide	~	~	~	*	*	*	BRL	*	*	*	*	*	*	*	*	*	*

Notes:

** trivalent chromium/hexavalent chromium
RDEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - GB Pollutant Mobility Criteria

* Not Analyzed
NE - Not Established
BRL - Below Reporting Limit
~ Not Applicable

Shaded area indicates levels detected or calculated above RSR Criteria

Table 3
Soil - Metals and General Chemistry
ConnDOT Task 210 East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
All Measurement Units mg/kg or mg/l

Sample ID:				SA95070-11	SA95070-12	SA95070-17	SA95070-18	SA95203-19	SA95203-01	SA95203-02	SA95203-03	SA95203-04	SA95203-05	SA95203-06	SA95203-07	SA95203-08	SA95203-09
Sample Location:				B-15	B-16	TP-1	TP-2	TP-3	TP-4	TP-5	TP-6	TP-7	TP-8	TP-9	TP-10	TP-11	TP-12
Sample Depth BSG:				2-4'	0-3'	0-2'	4-6'	0-2'	2-4'	1-3'	1-3'	1-3'	0-2'	3-6'	1-3'	2-4'	2-4'
	CT Remediation Standard Regulations																
Total Metals - EPA Method 6010 (Mercury 7471)	**RDEC**	**I/C DEC**	**GB PMC**														
Total Antimony	27	8,200	~	*	BRL	*	1.03	*	*	*	*	4.06	*	*	*	*	*
Total Arsenic	10	10	~	14.3	7.26	4.76	4.14	6.48	43.6	44.7	9.6	48.9	5.21	10.7	7.84	7.42	21.8
Total Barium	4,700	140,000	~	1,210	74	60.8	92.4	74.9	83.3	106	84.3	91.1	81.2	338	426	145	1,020
Total Beryllium	2	2	~	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
Total Cadmium	34	1,000	~	367	0.88	BRL	1.47	1.04	1.8	2.08	0.915	3.09	BRL	5.01	16.1	1.76	24.9
Total Chromium	3,900/100**	51,000/100**	~	59.8	28.9	17.1	20.5	21.3	24.3	23.3	19.6	28.6	21.2	47.6	19.7	27.3	242
Total Copper	2,500	76,000	~	*	379	*	149	*	*	*	*	181	*	*	*	*	*
Total Lead	400	1,000	~	2,290	129	45.9	397#	142	760	750	107	320	70	377	1,220	144	2,070
Total Mercury	20	610	~	0.952	0.315	0.126	0.137	0.588	0.302	0.229	0.333	0.22	0.116	0.174	0.225	0.382	0.286
Total Nickel	1,400	7,500	~	*	19.9	*	21.2	*	*	*	*	39.2	*	*	*	*	*
Total Selenium	340	10,000	~	2.23	2.59	BRL	2.79	2.71	BRL	2.41	4.45	2.2	2.82	BRL	2.95	2.68	BRL
Total Silver	340	10,000	~	4.27	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Total Thallium	5.4	160	~	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
Total Vanadium	470	14,000	~	*	39.9	*	30.9	*	*	*	*	81.4	*	*	*	*	*
Total Zinc	20,000	610,000	~	*	174	*	347	*	*	*	*	348	*	*	*	*	*
SPLP Metals - EPA Method 6010/1312/7000																	
SPLP Antimony	~	~	0.06	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
SPLP Arsenic	~	~	0.5	BRL	BRL	BRL	BRL	BRL	0.0133	0.0044	BRL	BRL	BRL	BRL	BRL	0.0048	BRL
SPLP Barium	~	~	10	0.186	0.0294	0.0274	0.0244	0.0302	0.0923	0.0784	0.0482	BRL	0.177	0.106	0.165	0.0896	0.127
SPLP Beryllium	~	~	0.04	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
SPLP Cadmium	~	~	0.05	0.0088	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Chromium	~	~	0.5	BRL	0.0054	BRL	BRL	BRL	BRL	BRL	BRL	0.0068	BRL	BRL	BRL	BRL	BRL
SPLP Copper	~	~	13	*	0.0424	*	0.0328	*	*	*	*	0.0177	*	*	*	*	*
SPLP Lead	~	~	0.15	BRL	0.0076	BRL	0.05#	0.0191	0.0195	0.0306	BRL	0.0148	BRL	0.0462	0.076	0.0124	0.0549
SPLP Mercury	~	~	0.02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Nickel	~	~	1	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
SPLP Selenium	~	~	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Silver	~	~	0.36	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SPLP Thallium	~	~	0.05	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
SPLP Vanadium	~	~	0.5	*	BRL	*	BRL	*	*	*	*	0.008	*	*	*	*	*
SPLP Zinc	~	~	50	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Metals - EPA Method 6010/1311/7000																	
TCLP Antimony	~	~	0.06	*	BRL	*	0.0366	*	*	*	*	0.0083	*	*	*	*	*
TCLP Arsenic	~	~	0.5	*	BRL	*	BRL	*	*	*	*	0.14	*	*	*	*	*
TCLP Barium	~	~	10	*	0.697	*	1.25	*	*	*	*	0.859	*	*	*	*	*
TCLP Beryllium	~	~	0.04	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Cadmium	~	~	0.05	*	0.0043	*	0.0122	*	*	*	*	0.0117	*	*	*	*	*
TCLP Chromium	~	~	0.5	*	0.0107	*	0.0099	*	*	*	*	BRL	*	*	*	*	*
TCLP Copper	~	~	13	*	1.45	*	0.992	*	*	*	*	0.158	*	*	*	*	*
TCLP Lead	~	~	0.15	*	0.636	*	1.25#	*	*	*	*	0.346	*	*	*	*	*
TCLP Mercury	~	~	0.02	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Nickel	~	~	1	*	0.0322	*	0.0398	*	*	*	*	0.0778	*	*	*	*	*
TCLP Selenium	~	~	0.5	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Silver	~	~	0.36	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Thallium	~	~	0.05	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
TCLP Vanadium	~	~	0.5	*	BRL	*	BRL	*	*	*	*	0.0068	*	*	*	*	*
TCLP Zinc	~	~	50	*	1.07	*	1.97	*	*	*	*	1.53	*	*	*	*	*
General Chemistry																	
Ignitability - EPA Method 1030	~	~	~	*	Negative	*	Negative	*	*	*	*	Negative	*	*	*	*	*
pH - EPA Method 9045C	~	~	~	*	8.4	*	7.33	*	*	*	*	6.42	*	*	*	*	*
Reactivity Cyanide/Sulfide - Ch 7.3	~	~	~	*	Nonreactive	*	Nonreactive	*	*	*	*	Nonreactive	*	*	*	*	*
Reactivity Cyanide	~	~	~	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*
Reactivity Sulfide	~	~	~	*	BRL	*	BRL	*	*	*	*	BRL	*	*	*	*	*

Notes:

** trivalent chromium/hexavalent chromium
RDEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - GB Pollutant Mobility Criteria

* Not Analyzed
NE - Not Established
BRL - Below Reporting Limit
~ Not Applicable

#Total, SPLP, and TCLP Pb Re-analyzed on 6-10-09

Shaded area indicates levels detected or calculated above RSR Criteria

Table 4
Ground Water -VOCs, SVOCs, ETPH, PCBs, Pesticides, and Herbicides
ConnDOT Task 210 East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
Measurement Units ug/l

Sample ID:				SA95070-20	SA95070-21	SA95070-22	SA95070-23	SA95070-25	SA95070-24	SA95203-10
Sample Location:				GW-B-1	GW-B-4	GW-B-10	GW-B-16	GW-TP-1	GW-TP-2	GW-TP-7
Volatile Organics - EPA Method 8260B	**SWPC**	**RES VOL**	**I/C VOL**							
Acetone	*	1,500**	21000**	BRL	BRL	BRL	BRL	BRL	**11.2**	BRL
cis-1,2-Dichloroethene	*	830**	11,000**	BRL	BRL	BRL	BRL	BRL	**1.2**	BRL
MTBE	*	21,000**	50,000**	BRL	BRL	BRL	**12.4**	BRL	BRL	BRL
Naphthalene	*	*	*	BRL	BRL	BRL	BRL	BRL	**5.4**	**8.5**
Tert-amyl methyl ether	*	*	*	BRL	BRL	BRL	**1.2**	BRL	BRL	BRL
Tert-Butanol	*	*	*	BRL	BRL	BRL	**12.7**	BRL	BRL	BRL
All other VOC compounds BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL
PCBs - EPA Method 8082										
Aroclor-1254	0.5	~	~	BRL	BRL	BRL	BRL	BRL	**0.36**	BRL
All other PCBs BRL		~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Organochlorine Pesticides - EPA Method 8081										
All Pesticides BRL		~	~	BRL	BRL	BRL	BRL	NA	NA	BRL
Chlorinated Herbicides - EPA Method 8151										
All Herbicides BRL		~	~	BRL	BRL	BRL	BRL	NA	NA	BRL
ETPH - CT Method										
ETPH	*	~	~	BRL	BRL	BRL	**1,900**	BRL	BRL	**400**
SVOCs and PAHs - EPA Method 8270C and SIM										
Acenaphthene	*	~	~	BRL	BRL	BRL	BRL	**0.663**	**2.23**	**0.731**
Acenaphthylene	**0.3**	~	~	BRL	BRL	BRL	BRL	BRL	**0.333**	**0.086**
Anthracene	1,100,000	~	~	BRL	BRL	BRL	BRL	**0.241**	**0.511**	**0.667**
Benzo (a) anthracene	**0.3**	~	~	BRL	BRL	**0.135**	BRL	BRL	**0.511**	BRL
Benzo (a) pyrene	**0.3**	~	~	BRL	BRL	**0.112**	BRL	BRL	**0.644**	BRL
Benzo (b) fluoranthene	**0.3**	~	~	BRL	BRL	**0.202**	BRL	BRL	**0.867**	BRL
Benzo (g,h,i) perylene	*	~	~	BRL	BRL	**0.101**	BRL	BRL	**0.578**	BRL
Benzo (k) fluoranthene	**0.3**	~	~	BRL	BRL	**0.112**	BRL	BRL	**0.567**	BRL
Bis (2-ethylhexyl) phthalate	59	~	~	BRL	BRL	BRL	BRL	BRL	BRL	**5.56**
Chrysene	*	~	~	BRL	BRL	**0.124**	BRL	BRL	**0.7**	BRL
Dibenzo (a,h) anthracene	*	~	~	BRL	BRL	BRL	BRL	BRL	**0.156**	BRL
Fluoranthene	3,700	~	~	BRL	BRL	**0.281**	BRL	**0.241**	**1.26**	**0.129**
Fluorene	140,000	~	~	BRL	BRL	BRL	BRL	**0.675**	**1.26**	**0.538**
Indeno (1,2,3-cd) pyrene	*	~	~	BRL	BRL	**0.09**	BRL	BRL	**0.522**	BRL
1-Methylnaphthalene	*	~	~	BRL	BRL	**0.101**	BRL	BRL	**0.322**	**0.441**
2-Methylnaphthalene	*	~	~	BRL	BRL	**0.135**	BRL	BRL	**0.333**	**0.591**
Naphthalene	*	~	~	BRL	BRL	BRL	BRL	BRL	**1.22**	**3.86**
Phenanthrene	**0.077**	~	~	BRL	BRL	BRL	BRL	BRL	**1.32**	**0.656**
Pyrene	110,000	~	~	BRL	BRL	**0.236**	BRL	**0.157**	**1.12**	**0.086**
All other SVOCs BRL				BRL	BRL	BRL	BRL	BRL	BRL	BRL

Notes:

SWPC - Surface Water Protection Criteria
RGWVC - Residential Volatilization Criteria for Ground Water
I/C GWVC - Industrial/Commercial Volatilization Criteria for Ground Water
GW Ground Water
NA - Not Analyzed
Shaded area levels are above the CT RSR Criteria

BRL - Below Reporting Limit
~ Not Applicable
* - Not Established by CT DEP
** Proposed RGWVC and I/C GWVC
*** Trivalent Chromium/Hexavalent Chromium

Table 5
Ground Water - Metals and General Chemistry
ConnDOT Task 210 East Bridgeport Railyard #300-130
June 2009
Union Ave., Bridgeport, CT
TRC Project #107307-003704-000210
Measurement Units ug/l

Sample ID:				SA95070-20	SA95070-21	SA95070-22	SA95070-23	SA95070-25	SA95070-24	SA95203-10
Sample Location:				GW-B-1	GW-B-4	GW-B-10	GW-B-16	GW-TP-1	GW-TP-2	GW-TP-7
Total Metals - EPA Method 200/6000/7000	**SWPC**	**RES VOL**	**I/C VOL**							
Silver	12	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Arsenic	**4**	~	~	**8.9**	BRL	**7.9**	**20.6**	**16**	**20.4**	**14.4**
Barium	*	~	~	**209**	**48.5**	**44.2**	**363**	**88.7**	**309**	**160**
Beryllium	4	~	~	NA	BRL	NA	BRL	NA	NA	BRL
Cadmium	6	~	~	BRL	BRL	BRL	BRL	BRL	BRL	**2.8**
Chromium	1,200/110***	~	~	**35.1**	BRL	**14.2**	**44.7**	BRL	**43**	**13.6**
Copper	**48**	~	~	NA	BRL	NA	**278**	NA	NA	**67.3**
Mercury	**0.4**	~	~	BRL	BRL	BRL	**0.36**	BRL	**0.53**	BRL
Nickel	880	~	~	NA	BRL	NA	**31**	NA	NA	**101**
Lead	**13**	~	~	**27**	BRL	BRL	**126**	BRL	**343**	**13**
Antimony	86,000	~	~	NA	BRL	NA	BRL	NA	NA	BRL
Selenium	50	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Thallium	63	~	~	NA	**8.6**	NA	**13.6**	NA	NA	**18.2**
Vanadium	*	~	~	NA	BRL	NA	**25.8**	NA	NA	**37.5**
Zinc	**123**	~	~	NA	**26.4**	NA	**405**	NA	NA	**320**
Soluble Metals - EPA Method 200/6000/7000	**SWPC**	**RES VOL**	**I/C VOL**							
Silver	12	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Arsenic	**4**	~	~	BRL	BRL	BRL	**4.9**	**11.5**	**4.7**	BRL
Barium	*	~	~	**77.6**	**44.5**	**15.4**	**167**	**64.8**	**150**	**112**
Beryllium	4	~	~	NA	BRL	NA	BRL	NA	NA	BRL
Cadmium	6	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chromium	1,200/110***	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Copper	48	~	~	NA	BRL	NA	BRL	NA	NA	**13.4**
Mercury	0.4	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Nickel	880	~	~	NA	BRL	NA	**5.4**	NA	NA	**85**
Lead	13	~	~	BRL	BRL	BRL	BRL	BRL	**9.6**	BRL
Antimony	86,000	~	~	NA	BRL	NA	BRL	NA	NA	BRL
Selenium	50	~	~	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Thallium	63	~	~	NA	BRL	NA	BRL	NA	NA	**14.6**
Vanadium	*	~	~	NA	BRL	NA	BRL	NA	NA	BRL
Zinc	**123**	~	~	NA	**19.8**	NA	**17.6**	NA	NA	**291**
General Chemistry										
Flashpoint - EPA Method 1010	~	~	~	NA	>200 °F	NA	>200 °F	NA	NA	NA
pH - EPA Method 9045C	~	~	~	NA	5.95	NA	7.16	NA	NA	NA
Reactivity Cyanide/Sulfide - Ch 7.3	~	~	~	NA	Nonreactive	NA	Nonreactive	NA	NA	NA
Reactive Cyanide	~	~	~	NA	BRL	NA	BRL	NA	NA	NA
Reactive Sulfide	~	~	~	NA	BRL	NA	BRL	NA	NA	NA

Notes:
SWPC - Surface Water Protection Criteria
RGWVC - Residential Volatilization Criteria for Ground Water
I/C GWVC - Industrial/Commercial Volatilization Criteria for Ground Water
GW Ground Water
NA - Not Analyzed
Shaded area levels are above the CT RSR Criteria
BRL - Below Reporting Limit
* - Not Established by CT DEP
~ Not Applicable
** Proposed RGWVC and I/C GWVC
*** Trivalent Chromium/Hexavalent Chromium

Table 6
Railroad Ties
ConnDOT Task 210 East Bridgeport Railyard #300-130
Union Ave., Bridgeport, CT
June 2009
TRC Project #107307-003704-000210
All Measurement Units mg/kg or mg/l

Sample ID:				**SA95654-01**
Sample Location:				**TP-7**
Sample Depth BSG:				1-3'
	CT Remediation Standard Regulations			
Total Metals - EPA Method 6010 (Mercury 7471)	**RDEC**	**I/C DEC**	**GB PMC**	
Total Arsenic	10	10	~	**2.04**
Total Barium	4,700	140,000	~	**11.6**
Total Cadmium	34	1,000	~	BRL
Total Chromium	3,900/100**	51,000/100**	~	**3.18**
Total Lead	400	1,000	~	**13**
Total Mercury	20	610	~	BRL
Total Selenium	340	10,000	~	BRL
Total Silver	340	10,000	~	BRL
TCLP Metals - EPA Method 6010/1311/7000				
TCLP Arsenic	~	~	0.5	BRL
TCLP Barium	~	~	10	**0.227**
TCLP Cadmium	~	~	0.05	BRL
TCLP Chromium	~	~	0.5	BRL
TCLP Lead	~	~	0.15	BRL
TCLP Mercury	~	~	0.02	BRL
TCLP Selenium	~	~	0.5	BRL
TCLP Silver	~	~	0.36	BRL
PCBs - EPA Method 8082				
Total PCBs	1	10	~	BRL
SVOCs and Polynuclear Aromatics - EPA Method 8270				
Chrysene	**84**	780	**1**	**302.2**
Fluoranthene	1,000	2,500	**56**	**761.1**
Phenanthrene	1,000	2,500	**40**	**520**
Pyrene	1,000	2,500	**40**	**509**
All Other SVOCs and/or PAHs BRL				BRL

Notes:

** trivalent chromium/hexavalent chromium
RDEC - Residential Direct Exposure Criteria
I/C DEC - Industrial/Commercial Direct Exposure Criteria
GB PMC - GB Pollutant Mobility Criteria
BRL - Below Reporting Limit
* Not Analyzed
NE - Not Established
~ Not Applicable

Shaded area indicates levels detected or calculated above RSR Criteria

GREENHORNET
ECHO LAKE ROAD WATERTOWN, CT
06795 860.417.2085

30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 1
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

Casing Elevation (ft.)	
PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.1		0 - 0.9	Drk Brn SILT & F-sand, ltl M-C sand & F-C gravel. V. moist N/O		PID = ND	
					0.9 - 1.4	Med. Brn F-M sand, ltl C. sand, N/O, N/S			
					1.4 - 3.1	lt brn SILT & F sand trace M-C sand & F gravel,			
4		4 - 8	4/3.2		0 - 2.0	Med. / Org Brn F sand, some silt, ltl M-C sand & F gravel, v. dense moistto wet, N/O, N/S		PID = ND	
						GW @ 6' bg			
					2.0 - 3.2	Org brn F sand trace SILT, v. dense wet, N/O, N/S			
8		8 - 12	4/4		0 - 4	Org brn F sand, trace silt, v. dense wet, N/O, N/S		PID = ND	
						EOB @ 12			
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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ECHO LAKE ROAD WATERTOWN, CT
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30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 2
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.9		0.0 - 0.2	asphalt, gravel			
					0.2 - 0.5	concrete		PID = ND	
					0.5 - 2.9	org brn F-sand, some M-sand, ltl C-sand, trace silt, dry, N/O, N/S			
4		4 - 8	1/1.8		0.0 - 1.8	org brn F-M sand, moist, N/O, N/S		PID = ND	
						EOB @ 8'			
8		8 - 12						PID = ND	
12		12 - 16						PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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ECHO LAKE ROAD WATERTOWN, CT
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30 **SOIL BORING and MONITORING WELL INSTALLATION LOG**

BORING NO.:	B - 3
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.8		0.0 - 0.2	asphalt			
					0.2 - 0.5	concrete		PID = ND	
					0.5 - 1.7	org, brn, F-sand, ltl silt, M-C sand and F-c gravel, dry, N/O, N/S			
					1.7 - 2.8	org, brn F-sand, moist, N/O, N/S			
4		4 - 8	4/3.8		0.0 - 1.4	org, brn F-sand, ltl silt, trace M-sand, moist, N/O, N/S		PID = ND	
					1.4 - 1.9	drk brn silt, some F-sand, moist, N/O, N/S			
					1.9- 2.7	org, gray/brn silt, F-sand, mottling, wet, N/O,N/S			
					2.7 - 3.8	org/gray brn F-sand, ltl silt, trace M-C sand, wet, N/O, N/S			
8		8 - 12				**EOB @ 8'**			
								PID = ND	
12		12 - 16							
								PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 **SOIL BORING and MONITORING WELL INSTALLATION LOG**

BORING NO.:	B - 4
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.0		0 - 0.9	Med./ gray brn F sand, some M-C sand & F-C gravel, N/O, Sl moist		PID = ND	
					0.9 - 2.5	Med. Brn M-C sand, some F sand & F gravel, sl moist, N/O, N/S			
					2.5 - 3.0	Org brn F sand, some silt, trace M-C sand & F gravel, v. moist, N/O, N/S			
4		4 - 8	4/3.7		0 - 1.1	Org brn F sand, ltl silt, M-C sand, trace F gravel, v. moist, dense		PID = ND	
					1.1 - 3.7	Gray F sand, some silt, trace M-C sand			
8		8 - 12	2/2.2		0 - 1.9	Gray F sand, wet, N/O		PID = ND	
					1.9 - 2.2	Org brn C sand, some silt, N/O, N/S			
						Refusal @ 10' EOB			
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 5
DOCUMENT NO.:	
SHEET	1 OF 1

LOCATION: Bridgeport, Connecticut

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.8		0 - 0.3	Asphalt			
					0.3 - 1.3	Med brn F- sand, some M sand, trace C-sand and F-gravel, soil moist, N/O, N/S		PID = 1.5	
					1.3 - 1.7	Dark brn F-sand, ltl M-C sand, N/O, moist			
					1.7 - 2.8	Med brn/ organic, F-sand and silt, trace M-C sand, v. moist, N/O, N/S			
4		4 - 8	4/3.4		0 - 1.5	org brown, silt and F-sand, wet, N/O, N/S			
					1.5 - 3.4	org brn, F-sand, some M-sand, trace silt, and C-sand, wet, N/O, N/S		PID = ND	
						EOB @ 8'			
8		8 - 12							
								PID = ND	
12		12 - 16							
								PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 6
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.0		0.0 - 0.4	drk brn, slag, coal frags, silt, M-C sand		PID = 20	gas odors
					0.4 - 0.5	org brn F-sand, some silt, N/O, N/S, v. moist			
					0.5 - 2.0	gray, brn silt, F-sand, petro odor, v. moist			PID = 1.7 for 2'-4'
4		4 - 8	4/3.6		0.0 - 3.0	drk brn, gray silt and F-sand, trace M-C sand and F-gravel, wet, petro odor		PID = 25	
					3.0 - 3.6	drk brn/gray F-sand, ltl silt, v. dense, wet petro odor			
						EOB @ 8'			
8		8 - 12						PID = ND	
12		12 - 16						PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 7
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.6		0.0 - 0.6	drk brn/blk silt and F-sand, some slag, M-C sand, N/O, dry		PID = 0.6	
					0.6 - 2.6	org brn F-sand, ltl silt, trace M-C sand, trace F-gravel, moist, N/O, N/S			
4		4 - 8	4/2.9		0.0 - 2.9	org brn F-sand, ltl silt, trace M-C sand and F- grvel, mottling, v. moist to wet at 2.5		PID = ND	
						EOB @ 8'			
8		8 - 12						PID = ND	
12		12 - 16						PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 8
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
5/18/2009	3'		INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.1		0 - 0.7	C-grained slag, M-Csand (dark brn), N/O		PID = 1.0	
					0.7 - 2.5	Med org brn, F-sand, some M-sand, F-gravel, v. moist, N/O, N/S			
					2.5 - 3.1	pulverized weathered rock			
					3.5 - 4.0	Refusal @ 3.5-4.0' EOB			
4		4 - 8						PID = ND	
8		8 - 12						PID = ND	
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 9
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.2		0 - 0.5	slag, M-C sand		PID = 0.6	
					0.5 - 1.1	org brn, F-M sand, some silt, moist, N/O			
					1.1 - 2.6	mottled org/gray, silt, same, F-sand, ltl M-C sand, trace F-gravel, wet, N/O, N/S			
					2.6 - 3.2	org, F-sand, wet, N/O, N/S			
4		4 - 8	2/1.4		0.0 - 1.2	org brn, F-sand and silt, ltl M-C sand, trace F-gravel, wet, N/O, N/S		PID = ND	
					1.2 - 1.4	pulverized rock			
					2	Refusal at 6' EOB			
8		8 - 12						PID = ND	
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 10
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS:	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL		
Date	Depth	Stabilization Time	TYPE					
			INSIDE DIAMETER				PVC Elevation (ft.)	
			HAMMER WEIGHT				Surface Elevation (ft.)	
			HAMMER FALL				Date Started	5/18/2009
			NOTES:				Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.2		0.0 - 1.2	slag, ltl M-C sand, F-gravel, coal fragments		PID = ND	
					1.2 - 3.2	org, brown, F-sand, trace M-C sand, F-gravel, v. moist, N/O, N/S			
4		4 - 8	4/3.1		0.0 - 3.1	org, brown, F-sand, ltl M-C sand, trace F-C gravel, silt, wet, N/O, N/S		PID = 1.4	
8		8 - 12	4/4		(sleeve stuck in core)	org, brn, F-sand		PID = ND	salty well
						EOB @12'			
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 11
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/1.7		0 - 0.2	Black F - C sand, some silt, M-C sand, F - C gravel, wet, N/O			
					0.2 - 1.2	Org brn F sand, some M C sand & F C gravel, wet, N/O, N/S		PID = ND	
4		4 - 8	4/3.4		0 - 3.4	Med br F M sand, trace C sand & F gravel, wet, N/O, N/S			
						EOB @ 8'			
8		8 - 12							
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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ECHO LAKE ROAD WATERTOWN, CT
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30 **SOIL BORING and MONITORING WELL INSTALLATION LOG**

BORING NO.:	B - 12
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/4		0 - 0.5	Black F sand, some silt, M-C sand, F gravel, ltl C gravel, v. moist, N/O			
					0.5 - 4.0	Med. Brn F sand, some M C sand, ltl silt & F C gravel, pulverized rock, dry, N/O, N/S		PID = ND	
						Refusal @ 4' EOB			
4		4 - 8							
8		8 - 12							
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

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30 **SOIL BORING and MONITORING WELL INSTALLATION LOG**

BORING NO.:	B - 13
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/3.0		0 - 1.0	Black F - C sand, ltl F C gravel, trace silt, N/O, sl moist		PID = ND	
					1.0 - 2.5	Org brn F C sand, some F gravel, wet, N/O, N/S			
					2.5 - 3.0	Org brn F M sand, moist, N/O, N/S			
4		4 - 8	2/2.0		0 - 2.0	Org brn F sand, ltl M C sand, trace gravel, wet, N/O, N/S		PID = ND	
						Refusal @ 6' EOB			
8		8 - 12							
12		12 - 16							
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

GREENHORNET
ECHO LAKE ROAD WATERTOWN, CT
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30 **SOIL BORING and MONITORING WELL INSTALLATION LOG**

BORING NO.:	B - 14
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	15-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/15/2009
Date Completed	5/15/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/2.0		0 - 0.2	Wood mulch (decayed)		PID = ND	
					0.2 - 0.5	Pulv. Concrete			
					0.5 - 2.0	Drk brn silt & F sand, ltl F C gravel, sl moist, N/O			
4		4 - 8	4/3.0		0 - 1.2	Drk brn silt, C sand, some F gravel, wood debris, wet, organic odor		PID = ND	
					1.2 - 1.4	Red silt, C F sand, sl moist, N/O			
					1.4 - 2.5	Drk brn/blk silt, some F sand, ltl M C sand, sl moist,			
					2.5 - 3.0	Gry/Brn silt & F M sand, wet, N/O			
8		8 - 12	4/2.4		0 - 0.5	Org gray F M sand, wet, N/O		PID = ND	
					0.5 - 1.0	Mottled org gray silt & F sand, ltl M C sand & F gravel,			
					1.0 - 1.9	Org brn F sand, ltl M C sand, wet, N/O, N/S			
					1.9 - 2.4	lt gray F sand, wet, N/O, N/S			
						EOB @ 12			
12		12 - 16						PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

GREENHORNET
ECHO LAKE ROAD WATERTOWN, CT
06795 860.417.2085

30 SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 15
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/4		0.0 - 4.0	Med and drk brn silt and F-sand, some M-C sand and F-gravel, ltl C-gravel, C+D debris(brick, asphalt, gravel), trace wood debris		PID = ND	
4		4 - 8	4/4		0.0 - 3.0	med drk brn silt and F-sand, some M-C sand and F-gravel, ltl C-gravel and C+D debris(brick, asphalt, glass, slag, coal fragments)		PID = 3.5	
					3.0 - 3.6	drk brn silt and F-sand, v. moist, N/O			
					3.6 - 4.0	Llt brn, F-sand, some silt, N/O, N/S			
					2.5 - 3.0	Gry/Brn silt & F M sand, wet, N/O			
8		8 - 12	4/4		0.0 - 2.0	med/org brn silt, F-sand, v. moist, N/O, N/S		PID = ND	
					2.0 - 4.0	Org/gray (mottled), silt, F-sand, wet, N/O, N/S			
						EOB @ 12'			
12		12 - 16						PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

GREENHORNET
30 ECHO LAKE ROAD WATERTOWN, CT
06795 860.417.2085

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	B - 16
DOCUMENT NO.:	
SHEET	1 OF 1

DRILLING COMPANY:	GreenHornet	JOB NUMBER:	2009-017
Date	18-May-09	PROJECT NAME:	Bridgeport Railyard
FOREMAN:	Eric Jenkins	PROJECT ADDRESS:	Union Avenue
TRC INSPECTOR:	Liam Bane	CLIENT NAME:	ETI

LOCATION: Bridgeport, Connecticut

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE			
			INSIDE DIAMETER			
			HAMMER WEIGHT			
			HAMMER FALL			
			NOTES:			

PVC Elevation (ft.)	
Surface Elevation (ft.)	
Date Started	5/18/2009
Date Completed	5/18/2009

Depth	Sample Number	Sample Depths	Penetration/ Recovery In feet	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0		0 - 4	4/4		0.0 - 0.2	Asphalt		PID = ND	surface staining
					0.2 - 4.0	med/drk brn silt and F-sand, some M-C sand, F-C gravel, C+D debris(brick, concrete, wood, trace coal fragments), moist, N/O			
4		4 - 8	4/2.4		0.0 - 1.0	med brn F-sand, some M-C sand, F-gravel, v. m oist, N/O, N/S		PID = ND	
					1.0 - 2.4	drk brn/blk F-sand, some M-C sand, slag, coal fragments, coal ash, foundry sand, dark brn silt			
8		8 - 12	4/4		0.0 - 1.0	lt gray, brn F-sand, trace silt, N/O, wet		PID = ND	setting temporary well
					1.0 - 1.8	lt gray, brn F-sand, ltl M-C sand, silt, wet, N/O			
					1.8 - 2.4	gray, brn silt, some F-sand, ltl M-C sand, C-gravel, wet, N/O			
					2.4 - 4.0	drk brn F-M sand, some C-sand, ltl F-C grvel, trace silt, wet, N/O			
12		12 - 16				**EOB @ 12'**		PID = ND	
16		16 - 20							
20		20 - 24							
24		24 - 28							
28		28 - 32							

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE S.S equipment & terra core for soil Peristaltic & disposable bailer for water	
TEST PIT NO. TP-1	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-19-09	COMPLETION STATUS backfilled
TOTAL DEPTH (ftbg) 15'	WATER LEVEL (ftbg) Obs. 14' Stab. 13'

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		- Surface - scattered C&D debris (brick, concrete) mulch 0-1' Med. brown SILT root matter, mulch, C&D debris.	
2		1-3' Orange / Gray brown SILT & F-Sand, little M-C Sand and F-C gravel, cobbles, N/O, N/S	
3		3-4' Dark brown SILT, little F sand, root matter organic odor present.	
4		4-5' Orange brown F-SAND, little M-C sand, silt, F-C gravel, cobbles, N/O, N/S	
5			
6			
7			
8		8-9' Lt. Gray SILT & F-Sand some mottling, moist N/O, N/S	
9		9-15' Orange brown F-SAND, some M-C sand, F-C gravel, little silt & cobbles. N/O, N/S gw @ 14'	
10			
11			
12		Sample collected from 0-2'	
13	▼	Dimensions: 12'L x 15'D x 3'W	
14		Orientation: N-S	
15			

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DOT Permit No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment for soils, peristaltic pump w/poly tubing, & disposable bailer for H_2O	
TEST PIT NO. TP-2	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-19-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 10'	WATER LEVEL (ftbg) Obs. Stab. 8'

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-10' Dark brown SILT some F-C sand, F-C gravel, Cobbles, boulders, C&D debris (concrete & brick fragments, wood debris, 2-tires, safety vest remnant, wire cable - Sl odor (petro or chem)	
2			
3		- Sheen observed coming off of the soil sluffing off the sidewalls.	
4			
5		- Soil sample TP-2 collected from 4 to 6'	
6		- GW sample collected, very silty, no sheen on the sample.	
7			
8	▼	12'L x 10'D x 4'W oriented N-S	
9			
10			

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment, terra core for VOCs	
TEST PIT NO. TP-3	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-19-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 8'	WATER LEVEL (ftbg) Obs. Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
0		0-2' Dark brown SILT with organic root matter surface debris - wood, C&D, mulch, wire, chem. odor, sweet odor around roots.	
1			
2		2-6' Tan and Orange brown F-SAND, some silt little m-c sand & f-gravel, sl moist, N/S earthy odor.	
3			
4			
5			
6		6-8' Orange brown F-SAND, some m-c sand, F-gravel little c-gravel, silt, cobbles, v. moist, N/O, N/S	
7			
8		8' Refusal - Bedrock or boulders, no water	
		Collect sample TP-3 (0-2)	
		10'L x 8' D x 3'W oriented E-W	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment - Terracore for VOCs	
TEST PIT NO. TP-4	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 14'	WATER LEVEL (ftbg) Obs. Stab. 13'

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-1.5' Mulch & wood	
2		1.5-3' Dark brown slag, little silt, m-c sand, F-C gravel mulch, organics (root matter) sl. odor	
3		3.0-3.75 Gray brown SILT with F-C sand & F-gravel v. moist odor	
4		3.75-14' Orange brown F-Sand, Some m-c sand & F-C gravel, trace cobbles, little silt moist to wet @ 13', NO, NS	
5			
6			
7		Sample TP-4 (2-4)	
8			
9		12'L x 14'D x 3'W oriented E-W	
10			
11			
12			
13	▼		
14			

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS sampling equipment, terracore for VOCs	
TEST PIT NO. TP-5	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 11'	WATER LEVEL (ftbg) Obs. — Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-4' Dark brown/black mulch (surface) M-C sand, F-C gravel, some slag, coal fragments & tar material, little wood debris & silt, odor	
2			
3			
4		4-10' Mottled Orange brown & Tan/Gray brown F-SAND some M-C sand & F-gravel little silt & C-gravel moist, v. sl sweet odor.	
5			
6			
7			
8			
9			
10		10-11' Med. brown F-SAND some M-C sand, F-C gravel, trace cobbles & small boulders	
11		ledge @ 11'. No Water	
		Sample: collected 1-3'	
		11'L x 3'W x 11'D oriented N-S	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT Conn DOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710 G	
SAMPLER TYPE SS sample equipment, tella cores for VOCs	
TEST PIT NO. TP-6	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 11'	WATER LEVEL (ftbg) Obs. Stab. 10'

DEPTH IN FT BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		wood mulch - surface	
2		0-3' Dark brown/black SILT with some F-Sand little M-C sand, RR ballast, trace small boulders & wood debris.	
3		3-11' Org brown F-SAND, little M-C sand & F-C gravel, pockets of tan silt & F-Sand, trace small boulders, sweet earthy odor.	
4			
5		ledge @ 11'	
6			
7		11'L x 3'W x 11'D oriented: N-S	
8			
9		Sample collected 1-3'	
10	▼		
11			

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Conn DOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 2

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE –	
TEST PIT NO. TP-7 (1ST Attempt)	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 4'	WATER LEVEL (ftbg) Obs. — Stab. —

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-1' Dark Brown SILT & F-Sand (Wood mulch on the Surface), with some M-C sand & F-C gravel, concrete debris, v. sl. odor	
2			
3		1-4' Orange brown F. Sand, some F-C ~~sand~~ gravel little M-C Sand, sl odor (creosote)	
4	—	- encountered Refusal @ 4' moved north - removing remnants of burried RR ties - unable to excavate beyond 4' - concrete or large rock	
		moved testpit 10' east.	
		10'L x 4'D x 3'W oriented: N-S	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 2 OF 2

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 7106	
SAMPLER TYPE Soil - SS equipment, H_2O - Peristaltic, w/poly tubing, Disposable bailer	
TEST PIT NO. TP-7. (Second attempt)	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 11'	WATER LEVEL (ftbg) Obs. 11' Stab. 10'

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-3' Dark brown/black SILT & F-sand, some M-C sand & gravel, RR ties, roots, creosote odors.	
2			
3		3-11' Orange brown F-SAND (with pockets of tan/gray brown F-sand), little M-C sand & F-C gravel (pockets of tan/gray brown silt & F. sand), sl sweet earthy odor, ledge @ 11' Water coming in.	
4			
5			
6			
7		- Soil sample collected from 1-3'	
8		- Collected shards of the RR ties.	
9		- GW sampled	
10	▼	11'L x 11'D x 3'W oriented N-S	
11			

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS sampling equipment, terra cores for VOCs	
TEST PIT NO. TP-8	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 7'	WATER LEVEL (ftbg) Obs. — Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-2' Dark brown decomposed mulch with some F-sand & little silt N/o	
2		2-7' Orange brown F-SAND, little M-C sand & F.C gravel, trace cobbles & small boulders, gravel content increasing w/depth sweet odor (natural)	
3			
4			
5			
6			
7		Refusal @ 7' - No water	
8		- sample collected from 0-2'	
		10'L x 7'D x 3'W oriented N-S	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment, terra cores for VOCs	
TEST PIT NO. TP-9	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 10'	WATER LEVEL (ftbg) Obs. — Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-3' Dark brown decomposed mulch, some silt & F-C sand, F-C gravel, wood.	
2			
3		3-6' Dark brown SILT & F. Sand, some M-C Sand, F-C gravel, brick rubble, RR tie fragments · creosote odor	
4			
5			
6			
7		6-8' Med brown SILT, little F-C sand & F-C gravel moist N/O	
8		8-10' Med brown transitioning to orange brown F-C SAND & F-C gravel, N/O, N/S, v. moist	
9			
10		10'L x 10'D x 3'W oriented: N-S	
		Sample collected from 3-6'	
		No water encountered	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment, terra cores for VOCs	
TEST PIT NO. TP-10	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 8'	WATER LEVEL (ftbg) Obs. — Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
1		0-0.5' Decomposing wood mulch	
2		0.5'-3' Dark brown/black SILT, C sand, F-C gravel, some C&D debris (concrete, brick, wood, coal fragments) sl. odor	
3			
4		3-8' Orange brown F-SAND, some m-c sand & F-gravel, trace cobbles & small boulders, pockets of tan silt & F-sand sweet odor (natural)	
5			
6		- No groundwater encountered.	
7			
8		- refusal @ 8', large boulders or ledge uneven surface, pulling up rock fragments	
		Sample collected from 1-3'	
		10' L x 8' D x 3' W oriented: N-S	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment, terra cores for VOCs	
TEST PIT NO. TP-11	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 12'	WATER LEVEL (ftbg) Obs. Stab. 11'

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
		0-1' Mulch	
1		1-2' Gray F-SAND, some m-c sand, F-C gravel resembles Process grade material (3" minus)	
2		2-5' Dark brown SILT - C Sand, some F-C gravel Wood debris, sl odor	
3			
4			
5		5-12' Orange brown F-SAND, some m-c sand & F-gravel, little silt & c-gravel, cobbles becoming more come with depth, ~~tan~~ pockets of tan/gray silt & F-sand	
6			
7			
8			
9			
10			
11	▼	- GW encountered @ 11'	
12		-Sample collected @ 2-4'	
		11' L x 12' D x 3' W Oriented: N-S	

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ConnDOT Project No. 300-130

TRC Environmental Corp.

TEST PIT LOG

SHEET 1 OF 1

PROJECT NO. 107307-3704-211	CLIENT ConnDOT
LOCATION East Bridgeport Rail Yard	
CONTRACTOR ETI	OPERATOR Joe Carey
EXCAVATOR John Deere 710G	
SAMPLER TYPE SS equipment, terra cores for VOCs	
TEST PIT NO. TP-12	
ELEVATION & DATUM	
TRC INSPECTOR Liam Bane	
DATE STARTED/COMPLETED 5-20-09	COMPLETION STATUS Backfilled
TOTAL DEPTH (ftbg) 10'	WATER LEVEL (ftbg) Obs. — Stab.

DEPTH IN FT. BG	WATER	SAMPLE DESCRIPTION	REMARKS (PID/FID, ETC.)
0		0-0.5' mulch 0.5-1.5' 1½" minus process grade material	
1			
2		1.5-5' Dark brown/black SILT - C Sand some F-C gravel, trace C&D debris (wood, brick, concrete) sl odor	
3			
4			
5		5'-8' Orange brown & Tan/Gray brown SILT & F-Sand, little M-C Sand & F gravel	
6			
7			
8		8-10' Orange brown F-SAND, some M-C sand, F-gravel, little silt & C-gravel, sweet odor (Natural)	
9			
10		- sample collected 2-41 - No GW encountered 10'L x 10'D x 3'W oriented: N-S	

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ConnDOT Project No. 300-130

Report Date:
18-Jun-09 09:28

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Liam Bane

Project: East Bridgeport Railyard - Bridgeport, CT
Project 107307-3704-211

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA95654-01	RR Ties	Wood	20-May-09 12:00	02-Jun-09 13:25

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 22 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.

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

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 4.1 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.

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

SW846 1311/6010B

Duplicates:

9060658-DUP1 *Source: SA95723-02*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Cadmium
Chromium
Selenium

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

Lead

SW846 6010B

Duplicates:

9060812-DUP1 *Source: SA95654-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Arsenic
Cadmium

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

Barium
Chromium
Lead

SW846 8082

SW846 8082

Samples:

S905147-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

Aroclor-1260
Aroclor-1260 (1)
Aroclor-1260 (2)
Aroclor-1260 (3)
Aroclor-1260 (4)
Aroclor-1260 (5)

S905147-CCV3

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

Aroclor-1260
Aroclor-1260 (1)
Aroclor-1260 (2)
Aroclor-1260 (3)
Aroclor-1260 (4)
Aroclor-1260 (5)

SA95654-01 *RR Ties*

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Decachlorobiphenyl (Sr)

SW846 8270C

Laboratory Control Samples:

9060653-BS1

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

2,4-Dinitrophenol
Benzyl alcohol
Carbazole

9060653-BS2

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

3 & 4-Methylphenol

Samples:

SA95654-01RE1 *RR Ties*

This sample was analyzed outside the EPA recommended holding time per client request.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RR Ties SA95654-01	107307-3704-211	Wood	20-May-09 12:00	02-Jun-09

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			O09								
Prepared by method SW846 3550B											
Re-analysis of Semivolatile Organic Compounds by SW846 8270C											
83-32-9	Acenaphthene	BRL		µg/kg	269000	5	SW846 8270C	15-Jun-09	17-Jun-09	9060653	X
208-96-8	Acenaphthylene	BRL		µg/kg	269000	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg	269000	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg	269000	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg	269000	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	269000	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg	269000	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg	269000	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg	269000	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	269000	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	269000	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	269000	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg	269000	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg	269000	5	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	269000	5	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	269000	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg	269000	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	269000	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg	269000	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	269000	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg	269000	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg	269000	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg	269000	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	269000	5	"	"	"	"	X
218-01-9	Chrysene	302,000		µg/kg	269000	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	269000	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg	269000	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	269000	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	269000	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	269000	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	269000	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	269000	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	269000	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	269000	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	269000	5	"	"	"	"	X
206-44-0	Fluoranthene	761,000		µg/kg	269000	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg	269000	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg	269000	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	269000	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg	269000	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RR Ties SA95654-01	107307-3704-211	Wood	20-May-09 12:00	02-Jun-09

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			O09								
Prepared by method SW846 3550B											
Re-analysis of Semivolatile Organic Compounds by SW846 8270C											
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	269000	5	SW846 8270C	15-Jun-09	17-Jun-09	9060653	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg	269000	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg	269000	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg	269000	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg	269000	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg	269000	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg	269000	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg	269000	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg	269000	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg	1080000	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg	269000	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg	1080000	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	269000	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	269000	5	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	269000	5	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/kg	269000	5	"	"	"	"	X
85-01-8	Phenanthrene	520,000		µg/kg	269000	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg	269000	5	"	"	"	"	X
129-00-0	Pyrene	509,000		µg/kg	269000	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg	269000	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	269000	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	269000	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg	269000	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*83*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*81*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*97*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*92*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg	66.4	1	SW846 8082	03-Jun-09	08-Jun-09	9060215	X
11104-28-2	Aroclor-1221	BRL		µg/kg	66.4	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg	66.4	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg	66.4	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg	66.4	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg	66.4	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg	66.4	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg	66.4	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg	66.4	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*111*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RR Ties SA95654-01	107307-3704-211	Wood	20-May-09 12:00	02-Jun-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.47	1	SW846 6010B	10-Jun-09	12-Jun-09	9060812	X
7440-38-2	Arsenic	2.04		mg/kg	1.47	1	"	"	"	"	X
7440-39-3	Barium	11.6		mg/kg	0.980	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg	0.490	1	"	"	"	"	X
7440-47-3	Chromium	3.18		mg/kg	0.980	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg	0.0296	1	SW846 7471A	"	11-Jun-09	9060813	X
7439-92-1	Lead	13.0		mg/kg	1.47	1	SW846 6010B	"	12-Jun-09	9060812	X
7782-49-2	Selenium	BRL		mg/kg	1.47	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	08-Jun-09	08-Jun-09	9060622	X
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1311/6010B	09-Jun-09	10-Jun-09	9060658	X
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	10-Jun-09	"	X
7440-39-3	Barium	0.227		mg/l	0.0100	1	"	"	10-Jun-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	"	10-Jun-09	9060659	X
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1311/6010B	"	10-Jun-09	9060658	X
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
Blank (9060653-BLK1)										
Prepared: 09-Jun-09 Analyzed: 12-Jun-09										
Acenaphthene	BRL		µg/kg	495000						
Acenaphthylene	BRL		µg/kg	495000						
Aniline	BRL		µg/kg	495000						
Anthracene	BRL		µg/kg	495000						
Atrazine	BRL		µg/kg	495000						
Azobenzene/Diphenyldiazine	BRL		µg/kg	495000						
Benzidine	BRL		µg/kg	495000						
Benzo (a) anthracene	BRL		µg/kg	495000						
Benzo (a) pyrene	BRL		µg/kg	495000						
Benzo (b) fluoranthene	BRL		µg/kg	495000						
Benzo (g,h,i) perylene	BRL		µg/kg	495000						
Benzo (k) fluoranthene	BRL		µg/kg	495000						
Benzoic acid	BRL		µg/kg	495000						
Benzyl alcohol	BRL		µg/kg	495000						
Bis(2-chloroethoxy)methane	BRL		µg/kg	495000						
Bis(2-chloroethyl)ether	BRL		µg/kg	495000						
Bis(2-chloroisopropyl)ether	BRL		µg/kg	495000						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	495000						
4-Bromophenyl phenyl ether	BRL		µg/kg	495000						
Butyl benzyl phthalate	BRL		µg/kg	495000						
Carbazole	BRL		µg/kg	495000						
4-Chloro-3-methylphenol	BRL		µg/kg	495000						
4-Chloroaniline	BRL		µg/kg	495000						
2-Chloronaphthalene	BRL		µg/kg	495000						
2-Chlorophenol	BRL		µg/kg	495000						
4-Chlorophenyl phenyl ether	BRL		µg/kg	495000						
Chrysene	BRL		µg/kg	495000						
Dibenzo (a,h) anthracene	BRL		µg/kg	495000						
Dibenzofuran	BRL		µg/kg	495000						
1,2-Dichlorobenzene	BRL		µg/kg	495000						
1,3-Dichlorobenzene	BRL		µg/kg	495000						
1,4-Dichlorobenzene	BRL		µg/kg	495000						
3,3´-Dichlorobenzidine	BRL		µg/kg	495000						
2,4-Dichlorophenol	BRL		µg/kg	495000						
Diethyl phthalate	BRL		µg/kg	495000						
Dimethyl phthalate	BRL		µg/kg	495000						
2,4-Dimethylphenol	BRL		µg/kg	495000						
Di-n-butyl phthalate	BRL		µg/kg	495000						
4,6-Dinitro-2-methylphenol	BRL		µg/kg	495000						
2,4-Dinitrophenol	BRL		µg/kg	495000						
2,4-Dinitrotoluene	BRL		µg/kg	495000						
2,6-Dinitrotoluene	BRL		µg/kg	495000						
Di-n-octyl phthalate	BRL		µg/kg	495000						
Fluoranthene	BRL		µg/kg	495000						
Fluorene	BRL		µg/kg	495000						
Hexachlorobenzene	BRL		µg/kg	495000						
Hexachlorobutadiene	BRL		µg/kg	495000						
Hexachlorocyclopentadiene	BRL		µg/kg	495000						
Hexachloroethane	BRL		µg/kg	495000						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
Blank (9060653-BLK1)										
Prepared: 09-Jun-09 Analyzed: 12-Jun-09										
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	495000						
Isophorone	BRL		µg/kg	495000						
1-Methylnaphthalene	BRL		µg/kg	495000						
2-Methylnaphthalene	BRL		µg/kg	495000						
2-Methylphenol	BRL		µg/kg	495000						
3 & 4-Methylphenol	BRL		µg/kg	495000						
Naphthalene	BRL		µg/kg	495000						
2-Nitroaniline	BRL		µg/kg	495000						
3-Nitroaniline	BRL		µg/kg	495000						
4-Nitroaniline	BRL		µg/kg	1980000						
Nitrobenzene	BRL		µg/kg	495000						
2-Nitrophenol	BRL		µg/kg	495000						
4-Nitrophenol	BRL		µg/kg	1980000						
N-Nitrosodimethylamine	BRL		µg/kg	495000						
N-Nitrosodi-n-propylamine	BRL		µg/kg	495000						
N-Nitrosodiphenylamine	BRL		µg/kg	495000						
Pentachlorophenol	BRL		µg/kg	495000						
Phenanthrene	BRL		µg/kg	495000						
Phenol	BRL		µg/kg	495000						
Pyrene	BRL		µg/kg	495000						
Pyridine	BRL		µg/kg	495000						
1,2,4-Trichlorobenzene	BRL		µg/kg	495000						
2,4,5-Trichlorophenol	BRL		µg/kg	495000						
2,4,6-Trichlorophenol	BRL		µg/kg	495000						
Pentachloronitrobenzene	BRL		µg/kg	495000						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg	495000						
Surrogate: 2-Fluorobiphenyl	*379000*		µg/kg		*500000*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*389000*		µg/kg		*500000*		*78*	*15-110*		
Surrogate: Nitrobenzene-d5	*386000*		µg/kg		*500000*		*77*	*30-130*		
Surrogate: Phenol-d5	*378000*		µg/kg		*500000*		*76*	*15-110*		
Surrogate: Terphenyl-dl4	*353000*		µg/kg		*500000*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*370000*		µg/kg		*500000*		*74*	*15-110*		
Blank (9060653-BLK2)										
Prepared: 09-Jun-09 Analyzed: 17-Jun-09										
Acenaphthene	BRL		µg/kg	495000						
Acenaphthylene	BRL		µg/kg	495000						
Aniline	BRL		µg/kg	495000						
Anthracene	BRL		µg/kg	495000						
Atrazine	BRL		µg/kg	495000						
Azobenzene/Diphenyldiazine	BRL		µg/kg	495000						
Benzidine	BRL		µg/kg	495000						
Benzo (a) anthracene	BRL		µg/kg	495000						
Benzo (a) pyrene	BRL		µg/kg	495000						
Benzo (b) fluoranthene	BRL		µg/kg	495000						
Benzo (g,h,i) perylene	BRL		µg/kg	495000						
Benzo (k) fluoranthene	BRL		µg/kg	495000						
Benzoic acid	BRL		µg/kg	495000						
Benzyl alcohol	BRL		µg/kg	495000						
Bis(2-chloroethoxy)methane	BRL		µg/kg	495000						
Bis(2-chloroethyl)ether	BRL		µg/kg	495000						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
Blank (9060653-BLK2)										
Prepared: 09-Jun-09 Analyzed: 17-Jun-09										
Bis(2-chloroisopropyl)ether	BRL		µg/kg	495000						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	495000						
4-Bromophenyl phenyl ether	BRL		µg/kg	495000						
Butyl benzyl phthalate	BRL		µg/kg	495000						
Carbazole	BRL		µg/kg	495000						
4-Chloro-3-methylphenol	BRL		µg/kg	495000						
4-Chloroaniline	BRL		µg/kg	495000						
2-Chloronaphthalene	BRL		µg/kg	495000						
2-Chlorophenol	BRL		µg/kg	495000						
4-Chlorophenyl phenyl ether	BRL		µg/kg	495000						
Chrysene	BRL		µg/kg	495000						
Dibenzo (a,h) anthracene	BRL		µg/kg	495000						
Dibenzofuran	BRL		µg/kg	495000						
1,2-Dichlorobenzene	BRL		µg/kg	495000						
1,3-Dichlorobenzene	BRL		µg/kg	495000						
1,4-Dichlorobenzene	BRL		µg/kg	495000						
3,3´-Dichlorobenzidine	BRL		µg/kg	495000						
2,4-Dichlorophenol	BRL		µg/kg	495000						
Diethyl phthalate	BRL		µg/kg	495000						
Dimethyl phthalate	BRL		µg/kg	495000						
2,4-Dimethylphenol	BRL		µg/kg	495000						
Di-n-butyl phthalate	BRL		µg/kg	495000						
4,6-Dinitro-2-methylphenol	BRL		µg/kg	495000						
2,4-Dinitrophenol	BRL		µg/kg	495000						
2,4-Dinitrotoluene	BRL		µg/kg	495000						
2,6-Dinitrotoluene	BRL		µg/kg	495000						
Di-n-octyl phthalate	BRL		µg/kg	495000						
Fluoranthene	BRL		µg/kg	495000						
Fluorene	BRL		µg/kg	495000						
Hexachlorobenzene	BRL		µg/kg	495000						
Hexachlorobutadiene	BRL		µg/kg	495000						
Hexachlorocyclopentadiene	BRL		µg/kg	495000						
Hexachloroethane	BRL		µg/kg	495000						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	495000						
Isophorone	BRL		µg/kg	495000						
1-Methylnaphthalene	BRL		µg/kg	495000						
2-Methylnaphthalene	BRL		µg/kg	495000						
2-Methylphenol	BRL		µg/kg	495000						
3 & 4-Methylphenol	BRL		µg/kg	495000						
Naphthalene	BRL		µg/kg	495000						
2-Nitroaniline	BRL		µg/kg	495000						
3-Nitroaniline	BRL		µg/kg	495000						
4-Nitroaniline	BRL		µg/kg	1980000						
Nitrobenzene	BRL		µg/kg	495000						
2-Nitrophenol	BRL		µg/kg	495000						
4-Nitrophenol	BRL		µg/kg	1980000						
N-Nitrosodimethylamine	BRL		µg/kg	495000						
N-Nitrosodi-n-propylamine	BRL		µg/kg	495000						
N-Nitrosodiphenylamine	BRL		µg/kg	495000						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
Blank (9060653-BLK2)										
Prepared: 09-Jun-09 Analyzed: 17-Jun-09										
Pentachlorophenol	BRL		µg/kg	495000						
Phenanthrene	BRL		µg/kg	495000						
Phenol	BRL		µg/kg	495000						
Pyrene	BRL		µg/kg	495000						
Pyridine	BRL		µg/kg	495000						
1,2,4-Trichlorobenzene	BRL		µg/kg	495000						
2,4,5-Trichlorophenol	BRL		µg/kg	495000						
2,4,6-Trichlorophenol	BRL		µg/kg	495000						
Pentachloronitrobenzene	BRL		µg/kg	495000						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg	495000						
Surrogate: 2-Fluorobiphenyl	*397000*		µg/kg		*500000*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*437000*		µg/kg		*500000*		*87*	*15-110*		
Surrogate: Nitrobenzene-d5	*423000*		µg/kg		*500000*		*85*	*30-130*		
Surrogate: Phenol-d5	*420000*		µg/kg		*500000*		*84*	*15-110*		
Surrogate: Terphenyl-dl4	*373000*		µg/kg		*500000*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*432000*		µg/kg		*500000*		*86*	*15-110*		
LCS (9060653-BS1)										
Prepared: 09-Jun-09 Analyzed: 12-Jun-09										
Acenaphthene	445000		µg/kg	495000	500000		89	40-130		
Acenaphthylene	434000		µg/kg	495000	500000		87	40-130		
Aniline	313000		µg/kg	495000	500000		63	40-130		
Anthracene	545000		µg/kg	495000	500000		109	40-130		
Atrazine	373000		µg/kg	495000	500000		75	40-130		
Azobenzene/Diphenyldiazine	476000		µg/kg	495000	500000		95	40-130		
Benzidine	314000		µg/kg	495000	500000		63	0-130		
Benzo (a) anthracene	368000		µg/kg	495000	500000		74	40-130		
Benzo (a) pyrene	486000		µg/kg	495000	500000		97	40-130		
Benzo (b) fluoranthene	397000		µg/kg	495000	500000		79	40-130		
Benzo (g,h,i) perylene	481000		µg/kg	495000	500000		96	40-130		
Benzo (k) fluoranthene	567000		µg/kg	495000	500000		113	40-130		
Benzoic acid	103000		µg/kg	495000	500000		21	0-161		
Benzyl alcohol	94000	QC2	µg/kg	495000	500000		19	40-130		
Bis(2-chloroethoxy)methane	346000		µg/kg	495000	500000		69	40-130		
Bis(2-chloroethyl)ether	531000		µg/kg	495000	500000		106	40-130		
Bis(2-chloroisopropyl)ether	505000		µg/kg	495000	500000		101	40-130		
Bis(2-ethylhexyl)phthalate	468000		µg/kg	495000	500000		94	40-130		
4-Bromophenyl phenyl ether	585000		µg/kg	495000	500000		117	40-130		
Butyl benzyl phthalate	429000		µg/kg	495000	500000		86	40-130		
Carbazole	BRL	QC2	µg/kg	495000	500000			40-130		
4-Chloro-3-methylphenol	422000		µg/kg	495000	500000		84	40-130		
4-Chloroaniline	311000		µg/kg	495000	500000		62	40-130		
2-Chloronaphthalene	426000		µg/kg	495000	500000		85	40-130		
2-Chlorophenol	414000		µg/kg	495000	500000		83	40-130		
4-Chlorophenyl phenyl ether	544000		µg/kg	495000	500000		109	40-130		
Chrysene	542000		µg/kg	495000	500000		108	40-130		
Dibenzo (a,h) anthracene	453000		µg/kg	495000	500000		91	40-130		
Dibenzofuran	480000		µg/kg	495000	500000		96	40-130		
1,2-Dichlorobenzene	575000		µg/kg	495000	500000		115	40-130		
1,3-Dichlorobenzene	224000		µg/kg	495000	500000		45	40-130		
1,4-Dichlorobenzene	462000		µg/kg	495000	500000		92	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
LCS (9060653-BS1)										
Prepared: 09-Jun-09 Analyzed: 12-Jun-09										
3,3´-Dichlorobenzidine	365000		µg/kg	495000	500000		73	40-130		
2,4-Dichlorophenol	419000		µg/kg	495000	500000		84	40-130		
Diethyl phthalate	472000		µg/kg	495000	500000		94	40-130		
Dimethyl phthalate	424000		µg/kg	495000	500000		85	40-130		
2,4-Dimethylphenol	353000		µg/kg	495000	500000		71	40-130		
Di-n-butyl phthalate	473000		µg/kg	495000	500000		95	40-130		
4,6-Dinitro-2-methylphenol	642000		µg/kg	495000	500000		128	40-130		
2,4-Dinitrophenol	768000	QC2	µg/kg	495000	500000		154	40-130		
2,4-Dinitrotoluene	380000		µg/kg	495000	500000		76	40-130		
2,6-Dinitrotoluene	328000		µg/kg	495000	500000		66	40-130		
Di-n-octyl phthalate	456000		µg/kg	495000	500000		91	40-130		
Fluoranthene	503000		µg/kg	495000	500000		101	40-130		
Fluorene	486000		µg/kg	495000	500000		97	40-130		
Hexachlorobenzene	439000		µg/kg	495000	500000		88	40-130		
Hexachlorobutadiene	547000		µg/kg	495000	500000		109	40-130		
Hexachlorocyclopentadiene	270000		µg/kg	495000	500000		54	40-130		
Hexachloroethane	548000		µg/kg	495000	500000		110	40-130		
Indeno (1,2,3-cd) pyrene	448000		µg/kg	495000	500000		90	40-130		
1-Methylnaphthalene	574000		µg/kg	495000	500000		115	40-140		
Isophorone	479000		µg/kg	495000	500000		96	40-130		
2-Methylnaphthalene	316000		µg/kg	495000	500000		63	40-130		
2-Methylphenol	418000		µg/kg	495000	500000		84	40-130		
3 & 4-Methylphenol	498000		µg/kg	495000	500000		100	40-130		
Naphthalene	426000		µg/kg	495000	500000		85	40-130		
2-Nitroaniline	413000		µg/kg	495000	500000		83	40-130		
3-Nitroaniline	513000		µg/kg	495000	500000		103	40-130		
4-Nitroaniline	401000		µg/kg	1980000	500000		80	40-130		
Nitrobenzene	398000		µg/kg	495000	500000		80	40-130		
2-Nitrophenol	386000		µg/kg	495000	500000		77	40-130		
4-Nitrophenol	272000		µg/kg	1980000	500000		54	40-130		
N-Nitrosodimethylamine	352000		µg/kg	495000	500000		70	40-130		
N-Nitrosodi-n-propylamine	411000		µg/kg	495000	500000		82	40-130		
N-Nitrosodiphenylamine	503000		µg/kg	495000	500000		101	40-130		
Pentachlorophenol	403000		µg/kg	495000	500000		81	40-130		
Phenanthrene	360000		µg/kg	495000	500000		72	40-130		
Phenol	446000		µg/kg	495000	500000		89	40-130		
Pyrene	481000		µg/kg	495000	500000		96	40-130		
Pyridine	193000		µg/kg	495000	500000		39	0-130		
1,2,4-Trichlorobenzene	417000		µg/kg	495000	500000		83	40-130		
2,4,5-Trichlorophenol	529000		µg/kg	495000	500000		106	40-130		
2,4,6-Trichlorophenol	284000		µg/kg	495000	500000		57	40-130		
Pentachloronitrobenzene	507000		µg/kg	495000	500000		101	40-140		
1,2,4,5-Tetrachlorobenzene	488000		µg/kg	495000	500000		98	40-140		
Surrogate: 2-Fluorobiphenyl	*453000*		µg/kg		*500000*		*91*	*30-130*		
Surrogate: 2-Fluorophenol	*394000*		µg/kg		*500000*		*79*	*15-110*		
Surrogate: Nitrobenzene-d5	*285000*		µg/kg		*500000*		*57*	*30-130*		
Surrogate: Phenol-d5	*272000*		µg/kg		*500000*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*379000*		µg/kg		*500000*		*76*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*477000*		µg/kg		*500000*		*95*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
LCS (9060653-BS2)										
Prepared: 09-Jun-09 Analyzed: 17-Jun-09										
Acenaphthene	938000		µg/kg	495000	1000000		94	40-130		
Acenaphthylene	958000		µg/kg	495000	1000000		96	40-130		
Aniline	553000		µg/kg	495000	1000000		55	40-130		
Anthracene	1110000		µg/kg	495000	1000000		111	40-130		
Atrazine	873000		µg/kg	495000	1000000		87	40-130		
Azobenzene/Diphenyldiazine	912000		µg/kg	495000	1000000		91	40-130		
Benzidine	BRL		µg/kg	495000	1000000			0-130		
Benzo (a) anthracene	837000		µg/kg	495000	1000000		84	40-130		
Benzo (a) pyrene	978000		µg/kg	495000	1000000		98	40-130		
Benzo (b) fluoranthene	659000		µg/kg	495000	1000000		66	40-130		
Benzo (g,h,i) perylene	793000		µg/kg	495000	1000000		79	40-130		
Benzo (k) fluoranthene	1250000		µg/kg	495000	1000000		125	40-130		
Benzoic acid	483000		µg/kg	495000	1000000		48	0-161		
Benzyl alcohol	489000		µg/kg	495000	1000000		49	40-130		
Bis(2-chloroethoxy)methane	785000		µg/kg	495000	1000000		78	40-130		
Bis(2-chloroethyl)ether	1030000		µg/kg	495000	1000000		103	40-130		
Bis(2-chloroisopropyl)ether	1200000		µg/kg	495000	1000000		120	40-130		
Bis(2-ethylhexyl)phthalate	901000		µg/kg	495000	1000000		90	40-130		
4-Bromophenyl phenyl ether	1050000		µg/kg	495000	1000000		105	40-130		
Butyl benzyl phthalate	892000		µg/kg	495000	1000000		89	40-130		
Carbazole	621000		µg/kg	495000	1000000		62	40-130		
4-Chloro-3-methylphenol	802000		µg/kg	495000	1000000		80	40-130		
4-Chloroaniline	433000		µg/kg	495000	1000000		43	40-130		
2-Chloronaphthalene	643000		µg/kg	495000	1000000		64	40-130		
2-Chlorophenol	957000		µg/kg	495000	1000000		96	40-130		
4-Chlorophenyl phenyl ether	1090000		µg/kg	495000	1000000		109	40-130		
Chrysene	997000		µg/kg	495000	1000000		100	40-130		
Dibenzo (a,h) anthracene	864000		µg/kg	495000	1000000		86	40-130		
Dibenzofuran	947000		µg/kg	495000	1000000		95	40-130		
1,2-Dichlorobenzene	1230000		µg/kg	495000	1000000		123	40-130		
1,3-Dichlorobenzene	615000		µg/kg	495000	1000000		62	40-130		
1,4-Dichlorobenzene	1160000		µg/kg	495000	1000000		116	40-130		
3,3´-Dichlorobenzidine	992000		µg/kg	495000	1000000		99	40-130		
2,4-Dichlorophenol	780000		µg/kg	495000	1000000		78	40-130		
Diethyl phthalate	1060000		µg/kg	495000	1000000		106	40-130		
Dimethyl phthalate	970000		µg/kg	495000	1000000		97	40-130		
2,4-Dimethylphenol	824000		µg/kg	495000	1000000		82	40-130		
Di-n-butyl phthalate	1050000		µg/kg	495000	1000000		105	40-130		
4,6-Dinitro-2-methylphenol	972000		µg/kg	495000	1000000		97	40-130		
2,4-Dinitrophenol	949000		µg/kg	495000	1000000		95	40-130		
2,4-Dinitrotoluene	886000		µg/kg	495000	1000000		89	40-130		
2,6-Dinitrotoluene	864000		µg/kg	495000	1000000		86	40-130		
Di-n-octyl phthalate	983000		µg/kg	495000	1000000		98	40-130		
Fluoranthene	952000		µg/kg	495000	1000000		95	40-130		
Fluorene	1000000		µg/kg	495000	1000000		100	40-130		
Hexachlorobenzene	959000		µg/kg	495000	1000000		96	40-130		
Hexachlorobutadiene	1090000		µg/kg	495000	1000000		109	40-130		
Hexachlorocyclopentadiene	424000		µg/kg	495000	1000000		42	40-130		
Hexachloroethane	1220000		µg/kg	495000	1000000		122	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060653 - SW846 3550B										
LCS (9060653-BS2)										
Prepared: 09-Jun-09 Analyzed: 17-Jun-09										
Indeno (1,2,3-cd) pyrene	709000		µg/kg	495000	1000000		71	40-130		
1-Methylnaphthalene	922000		µg/kg	495000	1000000		92	40-140		
Isophorone	924000		µg/kg	495000	1000000		92	40-130		
2-Methylnaphthalene	880000		µg/kg	495000	1000000		88	40-130		
2-Methylphenol	977000		µg/kg	495000	1000000		98	40-130		
3 & 4-Methylphenol	1340000	QC2	µg/kg	495000	1000000		134	40-130		
Naphthalene	821000		µg/kg	495000	1000000		82	40-130		
2-Nitroaniline	809000		µg/kg	495000	1000000		81	40-130		
3-Nitroaniline	804000		µg/kg	495000	1000000		80	40-130		
4-Nitroaniline	752000		µg/kg	1980000	1000000		75	40-130		
Nitrobenzene	962000		µg/kg	495000	1000000		96	40-130		
2-Nitrophenol	841000		µg/kg	495000	1000000		84	40-130		
4-Nitrophenol	605000		µg/kg	1980000	1000000		60	40-130		
N-Nitrosodimethylamine	650000		µg/kg	495000	1000000		65	40-130		
N-Nitrosodi-n-propylamine	1210000		µg/kg	495000	1000000		121	40-130		
N-Nitrosodiphenylamine	946000		µg/kg	495000	1000000		95	40-130		
Pentachlorophenol	720000		µg/kg	495000	1000000		72	40-130		
Phenanthrene	828000		µg/kg	495000	1000000		83	40-130		
Phenol	1040000		µg/kg	495000	1000000		104	40-130		
Pyrene	837000		µg/kg	495000	1000000		84	40-130		
Pyridine	568000		µg/kg	495000	1000000		57	0-130		
1,2,4-Trichlorobenzene	779000		µg/kg	495000	1000000		78	40-130		
2,4,5-Trichlorophenol	909000		µg/kg	495000	1000000		91	40-130		
2,4,6-Trichlorophenol	541000		µg/kg	495000	1000000		54	40-130		
Pentachloronitrobenzene	1040000		µg/kg	495000	1000000		104	40-140		
1,2,4,5-Tetrachlorobenzene	940000		µg/kg	495000	1000000		94	40-140		
Surrogate: 2-Fluorobiphenyl	*451000*		µg/kg		*500000*		*90*	*30-130*		
Surrogate: 2-Fluorophenol	*417000*		µg/kg		*500000*		*83*	*15-110*		
Surrogate: Nitrobenzene-d5	*380000*		µg/kg		*500000*		*76*	*30-130*		
Surrogate: Phenol-d5	*443000*		µg/kg		*500000*		*89*	*15-110*		
Surrogate: Terphenyl-dl4	*388000*		µg/kg		*500000*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*491000*		µg/kg		*500000*		*98*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060215 - SW846 3550B										
Blank (9060215-BLK1)										
Prepared & Analyzed: 03-Jun-09										
Aroclor-1016	BRL		µg/kg	400						
Aroclor-1016 [2C]	BRL		µg/kg	400						
Aroclor-1221	BRL		µg/kg	400						
Aroclor-1221 [2C]	BRL		µg/kg	400						
Aroclor-1232	BRL		µg/kg	400						
Aroclor-1232 [2C]	BRL		µg/kg	400						
Aroclor-1242	BRL		µg/kg	400						
Aroclor-1242 [2C]	BRL		µg/kg	400						
Aroclor-1248	BRL		µg/kg	400						
Aroclor-1248 [2C]	BRL		µg/kg	400						
Aroclor-1254	BRL		µg/kg	400						
Aroclor-1254 [2C]	BRL		µg/kg	400						
Aroclor-1260	BRL		µg/kg	400						
Aroclor-1260 [2C]	BRL		µg/kg	400						
Aroclor-1262	BRL		µg/kg	400						
Aroclor-1262 [2C]	BRL		µg/kg	400						
Aroclor-1268	BRL		µg/kg	400						
Aroclor-1268 [2C]	BRL		µg/kg	400						
Surrogate: Decachlorobiphenyl (Sr)	*258*		µg/kg		*400*		*64*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*350*		µg/kg		*400*		*88*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*368*		µg/kg		*400*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*386*		µg/kg		*400*		*96*	*30-150*		
LCS (9060215-BS1)										
Prepared & Analyzed: 03-Jun-09										
Aroclor-1016	5110		µg/kg	400	5000		102	50-140		
Aroclor-1016 [2C]	4600		µg/kg	400	5000		92	50-140		
Aroclor-1260	3240		µg/kg	400	5000		65	50-140		
Aroclor-1260 [2C]	4020		µg/kg	400	5000		80	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*256*		µg/kg		*400*		*64*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*332*		µg/kg		*400*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*360*		µg/kg		*400*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*378*		µg/kg		*400*		*94*	*30-150*		
LCS Dup (9060215-BSD1)										
Prepared & Analyzed: 03-Jun-09										
Aroclor-1016	5050		µg/kg	400	5000		101	50-140	1	30
Aroclor-1016 [2C]	4460		µg/kg	400	5000		89	50-140	3	30
Aroclor-1260	3330		µg/kg	400	5000		67	50-140	3	30
Aroclor-1260 [2C]	3940		µg/kg	400	5000		79	50-140	2	30
Surrogate: Decachlorobiphenyl (Sr)	*250*		µg/kg		*400*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*326*		µg/kg		*400*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*358*		µg/kg		*400*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*364*		µg/kg		*400*		*91*	*30-150*		
Duplicate (9060215-DUP1) **Source: SA95613-04**										
Prepared: 03-Jun-09 Analyzed: 08-Jun-09										
Aroclor-1016	BRL		µg/kg	384		BRL				40
Aroclor-1016 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1221	BRL		µg/kg	384		BRL				40
Aroclor-1221 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1232	BRL		µg/kg	384		BRL				40
Aroclor-1232 [2C]	BRL		µg/kg	384		BRL				40

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060215 - SW846 3550B										
Duplicate (9060215-DUP1) **Source: SA95613-04**										
Prepared: 03-Jun-09 Analyzed: 08-Jun-09										
Aroclor-1242	BRL		µg/kg	384		BRL				40
Aroclor-1242 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1248	BRL		µg/kg	384		BRL				40
Aroclor-1248 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1254	BRL		µg/kg	384		BRL				40
Aroclor-1254 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1260	BRL		µg/kg	384		BRL				40
Aroclor-1260 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1262	BRL		µg/kg	384		BRL				40
Aroclor-1262 [2C]	BRL		µg/kg	384		BRL				40
Aroclor-1268	BRL		µg/kg	384		BRL				40
Aroclor-1268 [2C]	BRL		µg/kg	384		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*253*		µg/kg		*384*		*66*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*157*		µg/kg		*384*		*41*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*198*		µg/kg		*384*		*52*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*180*		µg/kg		*384*		*47*	*30-150*		

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 9060812 - SW846 3050B										
Blank (9060812-BLK1)										
Prepared: 10-Jun-09 Analyzed: 12-Jun-09										
Selenium	BRL		mg/kg	1.30						
Chromium	BRL		mg/kg	0.867						
Arsenic	BRL		mg/kg	1.30						
Barium	BRL		mg/kg	0.867						
Cadmium	BRL		mg/kg	0.434						
Silver	BRL		mg/kg	1.30						
Lead	BRL		mg/kg	1.30						
Duplicate (9060812-DUP1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 12-Jun-09										
Selenium	0.336	J	mg/kg	1.46		0.387			14	20
Cadmium	0.214	J,QR8	mg/kg	0.487		0.382			56	20
Silver	BRL		mg/kg	1.46		BRL				20
Arsenic	1.26	J,QR8	mg/kg	1.46		2.04			48	20
Chromium	1.49	QR6	mg/kg	0.973		3.18			72	20
Barium	6.41	QR6	mg/kg	0.973		11.6			58	20
Lead	6.42	QR6	mg/kg	1.46		13.0			68	20
Matrix Spike (9060812-MS1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Selenium	133		mg/kg	1.48	124	0.387	107	75-125		
Silver	126		mg/kg	1.48	124	BRL	102	75-125		
Arsenic	132		mg/kg	1.48	124	2.04	105	75-125		
Lead	134		mg/kg	1.48	124	13.0	98	75-125		
Barium	143		mg/kg	0.989	124	11.6	107	75-125		
Cadmium	131		mg/kg	0.494	124	0.382	105	75-125		
Chromium	129		mg/kg	0.989	124	3.18	102	75-125		
Matrix Spike Dup (9060812-MSD1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Selenium	131		mg/kg	1.48	123	0.387	106	75-125	1	20
Silver	124		mg/kg	1.48	123	BRL	101	75-125	2	20
Lead	132		mg/kg	1.48	123	13.0	97	75-125	1	20
Chromium	128		mg/kg	0.987	123	3.18	101	75-125	0.8	20
Arsenic	130		mg/kg	1.48	123	2.04	104	75-125	1	20
Barium	140		mg/kg	0.987	123	11.6	104	75-125	2	20
Cadmium	129		mg/kg	0.493	123	0.382	104	75-125	1	20
Post Spike (9060812-PS1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Selenium	130		mg/kg	1.48	123	0.387	106	80-120		
Chromium	126		mg/kg	0.985	123	3.18	99	80-120		
Arsenic	130		mg/kg	1.48	123	2.04	104	80-120		
Lead	128		mg/kg	1.48	123	13.0	93	80-120		
Barium	133		mg/kg	0.985	123	11.6	99	80-120		
Silver	123		mg/kg	1.48	123	BRL	99	80-120		
Cadmium	128		mg/kg	0.493	123	0.382	104	80-120		
Reference (9060812-SRM1)										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Selenium	77.8		mg/kg	1.50	74.0		105	77.6-122.4		
Lead	110		mg/kg	1.50	112		98	82.1-118.4		

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 9060812 - SW846 3050B										
Reference (9060812-SRM1)										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Cadmium	36.5		mg/kg	0.500	34.8		105	84.1-115.9		
Chromium	64.0		mg/kg	1.00	62.5		102	81.5-118.5		
Barium	281		mg/kg	1.00	285		99	81.6-118.4		
Arsenic	116		mg/kg	1.50	113		103	80.4-120		
Silver	17.7		mg/kg	1.50	17.7		100	66.2-133.8		
Reference (9060812-SRM2)										
Prepared: 10-Jun-09 Analyzed: 13-Jun-09										
Selenium	78.6		mg/kg	1.50	74.7		105	77.6-122.4		
Arsenic	118		mg/kg	1.50	114		103	80.4-120		
Cadmium	36.2		mg/kg	0.500	35.1		103	84.1-115.9		
Silver	18.0		mg/kg	1.50	17.9		101	66.2-133.8		
Lead	110		mg/kg	1.50	113		97	82.1-118.4		
Chromium	63.8		mg/kg	1.00	63.0		101	81.5-118.5		
Barium	294		mg/kg	1.00	287		103	81.6-118.4		
Batch 9060813 - EPA200/SW7000 Series										
Blank (9060813-BLK1)										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	BRL		mg/kg	0.0290						
Duplicate (9060813-DUP1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	0.0087	J	mg/kg	0.0291		BRL				20
Matrix Spike (9060813-MS1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	0.356		mg/kg	0.0296	0.411	BRL	87	75-125		
Matrix Spike Dup (9060813-MSD1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	0.341		mg/kg	0.0297	0.412	BRL	83	75-125	4	20
Post Spike (9060813-PS1) **Source: SA95654-01**										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	0.356		mg/kg	0.0292	0.405	BRL	88	80-120		
Reference (9060813-SRM1)										
Prepared: 10-Jun-09 Analyzed: 11-Jun-09										
Mercury	1.15		mg/kg	0.0300	1.30		88	71.7-128.3		

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 9060658 - SW846 3010A										
Blank (9060658-BLK1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0080						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0100						
LCS (9060658-BS1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.59		mg/l	0.0150	2.50		103	85-115		
Selenium	2.84		mg/l	0.0300	2.50		114	85-115		
Arsenic	2.78		mg/l	0.0080	2.50		111	85-115		
Cadmium	2.81		mg/l	0.0050	2.50		112	85-115		
Chromium	2.74		mg/l	0.0100	2.50		110	85-115		
Silver	2.86		mg/l	0.0100	2.50		114	85-115		
Barium	2.62		mg/l	0.0100	2.50		105	85-115		
LCS Dup (9060658-BSD1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Selenium	2.80		mg/l	0.0300	2.50		112	85-115	1	20
Lead	2.54		mg/l	0.0150	2.50		101	85-115	2	20
Cadmium	2.75		mg/l	0.0050	2.50		110	85-115	2	20
Silver	2.78		mg/l	0.0100	2.50		111	85-115	3	104
Arsenic	2.71		mg/l	0.0080	2.50		109	85-115	2	20
Chromium	2.65		mg/l	0.0100	2.50		106	85-115	3	20
Barium	2.54		mg/l	0.0100	2.50		101	85-115	3	20
Duplicate (9060658-DUP1) **Source: SA95723-02**										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Selenium	0.0123	J,QR8	mg/l	0.0300		0.0157			24	20
Lead	0.328	QR6	mg/l	0.0150		0.264			22	20
Arsenic	0.0152		mg/l	0.0080		0.0144			5	20
Silver	BRL		mg/l	0.0100		BRL				20
Chromium	0.0073	J,QR8	mg/l	0.0100		0.0090			21	20
Cadmium	0.0045	J,QR8	mg/l	0.0050		0.0057			24	20
Barium	0.996		mg/l	0.0100		0.833			18	20
Matrix Spike (9060658-MS1) **Source: SA95708-01**										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Selenium	2.77		mg/l	0.0300	2.50	0.0129	110	75-125		
Lead	2.56		mg/l	0.0150	2.50	0.0137	102	75-125		
Cadmium	2.75		mg/l	0.0050	2.50	0.0020	110	75-125		
Silver	2.47		mg/l	0.0100	2.50	BRL	99	75-125		
Chromium	2.65		mg/l	0.0100	2.50	0.0032	106	75-125		
Arsenic	2.71		mg/l	0.0080	2.50	0.0065	108	75-125		
Barium	3.15		mg/l	0.0100	2.50	0.555	104	75-125		
Matrix Spike Dup (9060658-MSD1) **Source: SA95708-01**										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Selenium	2.71		mg/l	0.0300	2.50	0.0129	108	75-125	2	20
Lead	2.54		mg/l	0.0150	2.50	0.0137	101	75-125	0.7	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9060658 - SW846 3010A										
Matrix Spike Dup (9060658-MSD1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Chromium	2.67		mg/l	0.0100	2.50	0.0032	107	75-125	0.6	20
Silver	2.72		mg/l	0.0100	2.50	BRL	109	75-125	10	20
Arsenic	2.67		mg/l	0.0080	2.50	0.0065	107	75-125	2	20
Cadmium	2.72		mg/l	0.0050	2.50	0.0020	109	75-125	1	20
Barium	3.11		mg/l	0.0100	2.50	0.555	102	75-125	1	20
Post Spike (9060658-PS1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.59		mg/l	0.0150	2.50	0.0137	103	75-125		
Selenium	2.78		mg/l	0.0300	2.50	0.0129	111	75-125		
Chromium	2.67		mg/l	0.0100	2.50	0.0032	107	75-125		
Cadmium	2.77		mg/l	0.0050	2.50	0.0020	111	75-125		
Arsenic	2.71		mg/l	0.0080	2.50	0.0065	108	75-125		
Silver	2.69		mg/l	0.0100	2.50	BRL	108	75-125		
Barium	3.14		mg/l	0.0100	2.50	0.555	104	75-125		
Batch 9060659 - EPA200/SW7000 Series										
Blank (9060659-BLK1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9060659-BS1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	0.00459		mg/l	0.00020	0.00500		92	69.2-107		
Duplicate (9060659-DUP1)	**Source: SA95723-02**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9060659-MS1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	0.00439		mg/l	0.00020	0.00500	BRL	88	57.8-123		
Matrix Spike Dup (9060659-MSD1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	0.00446		mg/l	0.00020	0.00500	BRL	89	57.8-123	2	20
Post Spike (9060659-PS1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Mercury	0.00440		mg/l	0.00020	0.00500	BRL	88	70-112		

Notes and Definitions

DC2	The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.
O09	This sample was analyzed outside the EPA recommended holding time per client request.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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.

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.
Kim Wisk
Nicole Leja

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

Laboratory Name:	Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:	
Project Location:	East Bridgeport Railyard - Bridgeport, CT	East Bridgeport Railyard - Bridgeport, CT/	
This Form Provides certifications for the following data set: SA95654-01		List Specific Analytical Methods Used: SW846 1311 SW846 1311/6010B SW846 1311/7470A SW846 6010B SW846 7471A SW846 8082 SW846 8270C	
Sample Matrices: Product/Solid			

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

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

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

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

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

Date: 6/18/2009

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

* Reportable Detection Limit BRL = Below Reporting Limit

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: TRC - Windsor, CT

Project Location: East Bridgeport Railyard - Bridgeport, CT

Project Number: 107307-3704-211

Sampling Date(s):
20-May-09

Laboratory Sample ID(s):
SA95654-01

RCP Methods Used: SW846 1311, SW846 1311/6010B, SW846 1311/7470A, SW846 6010B, SW846 7471A, SW846 8082, SW846 8270C

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

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

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

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

Date: 6/18/2009

SA 95654

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: Liam Bane
TRC
21 Griffin Road North
Windsor, CT 06095
Project Mgr.: Liam Bane
Telephone #: 860-918-1587

Invoice To: Conn DOT DHS
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-211
Site Name: East Bridgeport Rail Yard
Location: Bridgeport, CT State: CT
Sampler(s): Liam Bane

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below:

QA/QC Reporting Notes: (check as needed)

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

G=Grab C=Composite

- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCBs
95654-01	RR Ties	5-20-09	1200	G	X1			1		X

EDD Format _____
- [ ] E-mail to lbane@trcsolutions.com

Condition upon receipt: [ ] Iced [ ] Ambient [x] °C 4.1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	6-2-09	900 AM
[signature]	[signature]	6/2/09	1325 4.0

SA 95654

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: Liam Bane
TRC
21 Griffin Road North
Windsor, CT 06095
Project Mgr.: Liam Bane
Telephone #: 860-918-1587

Invoice To: Conn DOT DAS
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-211
Site Name: East Bridgeport Rail Yard
Location: Bridgeport, CT State: CT
Sampler(s): Liam Bane

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= 10= 11=

List preservative code below:

QA/QC Reporting Notes: (check as needed)

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCBs	8270 SVOC	TCLP RCRA 8	Total RCRA 8				
95654-01	RR Ties	5-20-09	1200	G	X1			1		X	✓	✓	✓				

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic
Analyses: PCBs, 8270 SVOC, TCLP RCRA 8, Total RCRA 8

- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards:

ADDED ANALYSIS

EDD Format _____
- [ ] E-mail to lbane@trcsolutions.com

Condition upon receipt: [ ] Iced [ ] Ambient [x] °C 4.1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	6-2-09	900 AM
[signature]	[signature]	6/2/09	1325 4.0

Report Date:
02-Jun-09 17:00

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Liam Bane

Project: East Bridgeport Railyard - Bridgeport, CT
Project 107307-3704-210

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA95070-01	B-1 (0-2)	Soil	15-May-09 08:00	19-May-09 17:50
SA95070-02	B-4 (5-7)	Soil	15-May-09 09:20	19-May-09 17:50
SA95070-03	B-12 (0-2)	Soil	15-May-09 11:15	19-May-09 17:50
SA95070-04	B-11 (0-4)	Soil	15-May-09 11:45	19-May-09 17:50
SA95070-05	B-13 (0-2)	Soil	15-May-09 12:30	19-May-09 17:50
SA95070-06	B-14 (2-4)	Soil	15-May-09 13:00	19-May-09 17:50
SA95070-07	B-5 (1-3)	Soil	18-May-09 08:05	19-May-09 17:50
SA95070-08	B-8 (0-2)	Soil	18-May-09 08:15	19-May-09 17:50
SA95070-09	B-9 (0-2)	Soil	18-May-09 09:00	19-May-09 17:50
SA95070-10	B-10 (0-2)	Soil	18-May-09 10:00	19-May-09 17:50
SA95070-11	B-15 (2-4)	Soil	18-May-09 11:45	19-May-09 17:50
SA95070-12	B-16 (0-3)	Soil	18-May-09 12:40	19-May-09 17:50
SA95070-13	B-7 (0-2)	Soil	18-May-09 15:35	19-May-09 17:50
SA95070-14	B-6 (2-4)	Soil	18-May-09 16:00	19-May-09 17:50
SA95070-15	B-3 (0-2)	Soil	18-May-09 16:15	19-May-09 17:50
SA95070-16	B-2 (0-2)	Soil	18-May-09 16:35	19-May-09 17:50
SA95070-17	TP-1 (0-2)	Soil	19-May-09 08:30	19-May-09 17:50
SA95070-18	TP-2 (4-6)	Soil	19-May-09 09:20	19-May-09 17:50
SA95070-19	TP-3 (0-2)	Soil	19-May-09 12:40	19-May-09 17:50
SA95070-20	GW-B-1	Ground Water	15-May-09 10:30	19-May-09 17:50
SA95070-21	GW-B-4	Ground Water	15-May-09 09:50	19-May-09 17:50
SA95070-22	GW-B-10	Ground Water	18-May-09 10:45	19-May-09 17:50
SA95070-23	GW-B-16	Ground Water	18-May-09 14:00	19-May-09 17:50
SA95070-24	GW-TP-2	Ground Water	19-May-09 11:00	19-May-09 17:50
SA95070-25	GW-TP-1	Ground Water	19-May-09 12:00	19-May-09 17:50

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

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 258 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.

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

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 4.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

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.

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).

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

EPA 245.1/7470A

Spikes:

9052039-MS1 *Source: SA95070-23*

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

Mercury

SW846 1030

Duplicates:

9051412-DUP1 *Source: SA95070-18*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SW846 1030

Samples:

SA95070-02 *B-4 (5-7)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SA95070-12 *B-16 (0-3)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SA95070-18 *TP-2 (4-6)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SW846 1311/6010B

Laboratory Control Samples:

9051600-BS1

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

Selenium
Silver

9051600-BSD1

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

Selenium
Silver

Duplicates:

9051600-DUP1 *Source: SA95106-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Arsenic
Chromium

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

Copper

SW846 1312/6010B

Laboratory Control Samples:

9051597-BS1

Analyte out of acceptance range.

Chromium

SW846 1312/6010B

Duplicates:

9051595-DUP1 *Source: SA95070-11*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Antimony
Copper

9051597-DUP1 *Source: SA95070-09*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Chromium

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

Zinc

9051744-DUP1 *Source: SA95070-01*

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

Barium

SW846 6010B

Laboratory Control Samples:

9051811-BS1

Analyte out of acceptance range.

Selenium

Spikes:

9051808-MS1 *Source: SA95070-05*

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

Antimony

9051808-MSD1 *Source: SA95070-05*

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

Antimony

SW846 6010B

Duplicates:

9051808-DUP1 *Source: SA95070-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Beryllium

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

Vanadium

9051811-DUP1 *Source: SA95070-20*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Beryllium

SW846 7471A

Spikes:

9051809-MS1 *Source: SA95070-05*

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

Mercury

9051809-MSD1 *Source: SA95070-05*

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

Mercury

SW846 8081A

Samples:

S904765-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDT (p,p')
Endosulfan sulfate
Endrin aldehyde
Endrin ketone

S904766-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDT (p,p')
Endosulfan sulfate
Endrin aldehyde
Endrin ketone

SW846 8260B

SW846 8260B

Blanks:

9051555-BLK1

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8260B

Laboratory Control Samples:

9051430-BS1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Tetrahydrofuran

Analyte out of acceptance range.

Ethanol

9051430-BSD1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Tetrahydrofuran

9051534-BS1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

9051534-BSD1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

Tert-Butanol / butyl alcohol

9051555-BS1

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

Bromoform
trans-1,2-Dichloroethene

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,1-Dichloroethane
Bromodichloromethane
Chloromethane
Dibromochloromethane
Methyl tert-butyl ether

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8260B

Laboratory Control Samples:

9051555-BSD1

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

Bromoform
trans-1,2-Dichloroethene

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

RPD out of acceptance range.

1,1-Dichloroethane
Methyl tert-butyl ether

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

Di-isopropyl ether

9051619-BS1

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

Chloromethane
Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

2-Hexanone (MBK)
Di-isopropyl ether

9051619-BSD1

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

Chloromethane
Ethanol
Tetrahydrofuran

9051624-BS1

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

1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)
Ethanol

Analyte out of acceptance range.

1,2,3-Trichloropropane

9051624-BSD1

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

1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)
Ethanol

9051803-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)

SW846 8260B

Laboratory Control Samples:

9051889-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
o-Xylene
sec-Butylbenzene

9051889-BSD1

RPD out of acceptance range.

2-Chlorotoluene

Spikes:

9051624-MS1 *Source: SA94968-12*

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

1,1-Dichloroethene

9051624-MSD1 *Source: SA94968-12*

RPD out of acceptance range.

Toluene

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

1,1-Dichloroethene
Trichloroethene

SW846 8260B

Samples:

S904642-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

2-Butanone (MEK)
2-Hexanone (MBK)
Acetone
Di-isopropyl ether
Ethanol
Tetrahydrofuran

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Chloromethane

This affected the following samples:

B-10 (0-2)
B-10 (0-2)
B-14 (2-4)
B-14 (2-4)
B-15 (2-4)
B-15 (2-4)
B-8 (0-2)
B-8 (0-2)
B-9 (0-2)
B-9 (0-2)

S904693-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Acetone
Bromomethane
Dibromochloromethane
trans-1,2-Dichloroethene

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Bromoform

This affected the following samples:

GW-B-10
GW-B-10
GW-B-16
GW-B-16
GW-B-4
GW-B-4

SW846 8260B

Samples:

S904695-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

2-Butanone (MEK)
2-Hexanone (MBK)
Acetone
Ethanol
Tetrahydrofuran

This affected the following samples:

B-1 (0-2)
B-11 (0-4)
B-2 (0-2)
TP-2 (4-6)

S904732-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,2,3-Trichloropropane
Ethanol

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

1,1,2,2-Tetrachloroethane

This affected the following samples:

B-6 (2-4)
B-6 (2-4)

S904752-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Acetone
Ethanol
Tetrahydrofuran

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Chloromethane

This affected the following samples:

B-3 (0-2)
B-3 (0-2)
TP-3 (0-2)
TP-3 (0-2)

SW846 8260B

Samples:

S904815-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)

This affected the following samples:

B-12 (0-2)
B-13 (0-2)
B-4 (5-7)
B-5 (1-3)
TP-1 (0-2)

S904832-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
Acetone
o-Xylene
sec-Butylbenzene

This affected the following samples:

B-16 (0-3)
B-7 (0-2)

SA95070-02 *B-4 (5-7)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-03 *B-12 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-05 *B-13 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-07 *B-5 (1-3)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-12 *B-16 (0-3)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-13 *B-7 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SW846 8260B

Samples:

SA95070-17 *TP-1 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-21 *GW-B-4*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SA95070-22 *GW-B-10*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SA95070-23 *GW-B-16*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8270C

Laboratory Control Samples:

9051400-BS1

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

N-Nitrosodimethylamine

9051611-BS1

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

Phenol

Duplicates:

9051611-DUP1 *Source: SA95070-22*

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

Benzo (b) fluoranthene
Benzo (k) fluoranthene
Chrysene
Fluoranthene
Pyrene

SW846 8270C

Samples:

SA95070-07 *B-5 (1-3)*

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

SA95070-12 *B-16 (0-3)*

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

SA95070-18 *TP-2 (4-6)*

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

SA95070-23 *GW-B-16*

This sample was not able to be analyzed for low level reporting limits due to high concentrations of other target analytes in the sample.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2) SA95070-01	107307-3704-210	Soil	15-May-09 08:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.25 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW846 8260B	21-May-09	21-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	48.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2)	107307-3704-210	Soil	15-May-09 08:00	19-May-09
SA95070-01				

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: 6.25 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW846 8260B	21-May-09	21-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	48.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	96.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1930	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	359	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	359	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	359	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	359	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	359	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	359	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2)	107307-3704-210	Soil	15-May-09 08:00	19-May-09
SA95070-01				

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											
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	359	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	359	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	359	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	359	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	359	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	359	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	359	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2)	107307-3704-210	Soil	15-May-09 08:00	19-May-09
SA95070-01				

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											
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	359	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	359	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*75*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*83*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.8	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	47.1		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	47.1		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	47.1		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2) SA95070-01	107307-3704-210	Soil	15-May-09 08:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.42	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	7.10		mg/kg dry	1.42	1	"	"	"	"	X
7440-39-3	Barium	34.6		mg/kg dry	0.945	1	"	"	"	"	X
7440-43-9	Cadmium	0.567		mg/kg dry	0.473	1	"	"	"	"	X
7440-47-3	Chromium	13.9		mg/kg dry	0.945	1	"	"	"	"	X
7439-97-6	Mercury	0.0938		mg/kg dry	0.0323	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	129		mg/kg dry	1.42	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.49		mg/kg dry	1.42	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0500		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0198		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.6		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.46 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	77.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	772	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	77.2	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	154	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	772	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	386	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	154	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	154	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	154	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	154	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	772	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	772	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	772	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	77.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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: 15.46 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	77.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	77.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	77.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	154	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	772	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	772	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1540	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	386	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	30900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	425	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	425	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	425	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	425	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	425	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	425	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7)	107307-3704-210	Soil	15-May-09 09:20	19-May-09
SA95070-02				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	425	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	425	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	425	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	425	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	425	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	425	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1700	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1700	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	425	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	425	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	425	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	8.90	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	8.90	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	8.90	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	8.90	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	8.90	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	8.90	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	8.90	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	8.90	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	8.90	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	8.90	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	13.3	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	13.3	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	13.3	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	13.3	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	13.3	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	13.3	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	13.3	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	8.90	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	8.90	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	178	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	22.2	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	8.90	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	12.7	1	SW846 8082	22-May-09	22-May-09	9051621	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	12.7	1	SW846 8082	22-May-09	22-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	12.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	12.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	12.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	12.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	21-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.1	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	2.98		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	42.1		mg/kg dry	1.08	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.542	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.542	1	"	"	"	"	X
7440-47-3	Chromium	14.5		mg/kg dry	1.08	1	"	"	"	"	X
7440-50-8	Copper	8.71		mg/kg dry	1.08	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0393		mg/kg dry	0.0380	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	8.44		mg/kg dry	1.08	1	SW846 6010B	"	29-May-09	9051808	X
7439-92-1	Lead	15.7		mg/kg dry	1.63	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/kg dry	5.42	1	"	"	"	"	X
7782-49-2	Selenium	3.71		mg/kg dry	1.63	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	3.25	1	"	"	"	"	X
7440-62-2	Vanadium	29.9		mg/kg dry	1.63	1	"	"	"	"	X
7440-66-6	Zinc	26.8		mg/kg dry	1.08	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	0.0144		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	0.422		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0082		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.0102		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	26-May-09	26-May-09	9051601	X
7440-02-0	Nickel	0.0062		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7439-92-1	Lead	0.0280		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	BRL		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0193		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0054		mg/l	0.0050	1	"	"	28-May-09	"	
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	"	28-May-09	9051597	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0210	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	77.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	6.90	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:36	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	24.8	1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Sulfide	BRL		mg/kg dry	49.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2) SA95070-03	107307-3704-210	Soil	15-May-09 11:15	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 13.77 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	62.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	622	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	62.2	50	"	"	"	"	X
71-43-2	Benzene	64.1		µg/kg dry	62.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	124	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	622	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	311	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	124	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	124	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	124	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	124	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	622	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	622	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	622	50	"	"	"	"	X
91-20-3	Naphthalene	181		µg/kg dry	62.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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: 13.77 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	62.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-88-3	Toluene	167		µg/kg dry	62.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	62.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	284		µg/kg dry	62.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	62.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	147		µg/kg dry	124	50	"	"	"	"	X
95-47-6	o-Xylene	106		µg/kg dry	62.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	622	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	622	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1240	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	311	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	24900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	354	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	354	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	354	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	354	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	354	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	354	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	354	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	354	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	354	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	354	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	354	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	354	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	354	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	354	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	354	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	354	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	354	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*86*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	60.7		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	60.7		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	60.7		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2) SA95070-03	107307-3704-210	Soil	15-May-09 11:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.40	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	9.19		mg/kg dry	1.40	1	"	"	"	"	X
7440-39-3	Barium	76.8		mg/kg dry	0.934	1	"	"	"	"	X
7440-43-9	Cadmium	0.929		mg/kg dry	0.467	1	"	"	"	"	X
7440-47-3	Chromium	30.7		mg/kg dry	0.934	1	"	"	"	"	X
7439-97-6	Mercury	0.0633		mg/kg dry	0.0298	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	240		mg/kg dry	1.40	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	3.95		mg/kg dry	1.40	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0116		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0106		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.95 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	21-May-09	21-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	55.5	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	55.5	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	55.5	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	55.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

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: 5.95 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	21-May-09	21-May-09	9051534	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	55.5	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	55.5	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*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	374	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	374	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	374	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	374	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	451		µg/kg dry	374	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	427		µg/kg dry	374	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	821		µg/kg dry	374	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	374	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	374	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4)	107307-3704-210	Soil	15-May-09 11:45	19-May-09
SA95070-04				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	374	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
218-01-9	Chrysene	525		µg/kg dry	374	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	374	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
206-44-0	Fluoranthene	1,150		µg/kg dry	374	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	374	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	374	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	374	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	374	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	374	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4)	107307-3704-210	Soil	15-May-09 11:45	19-May-09
SA95070-04				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	374	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	374	1	"	"	"	"	X
129-00-0	Pyrene	1,050		µg/kg dry	374	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*87*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*78*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*72*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*83*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.7	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Unidentified	67.8		mg/kg dry	15.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	67.8		mg/kg dry	15.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	67.8		mg/kg dry	15.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.43	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	9.52		mg/kg dry	1.43	1	"	"	"	"	X
7440-39-3	Barium	34.6		mg/kg dry	0.956	1	"	"	"	"	X
7440-43-9	Cadmium	0.607		mg/kg dry	0.478	1	"	"	"	"	X
7440-47-3	Chromium	14.3		mg/kg dry	0.956	1	"	"	"	"	X
7439-97-6	Mercury	0.0496		mg/kg dry	0.0317	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	248		mg/kg dry	1.43	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.20		mg/kg dry	1.43	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0149		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0256		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.2		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2) SA95070-05	107307-3704-210	Soil	15-May-09 12:30	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.64 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	63.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	675		µg/kg dry	632	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	63.2	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	126	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	632	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	316	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	126	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	126	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	126	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	126	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	632	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	632	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	632	50	"	"	"	"	X
91-20-3	Naphthalene	108		µg/kg dry	63.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2)	107307-3704-210	Soil	15-May-09 12:30	19-May-09
SA95070-05				

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: 15.64 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	63.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-88-3	Toluene	168		µg/kg dry	63.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	63.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	264		µg/kg dry	63.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	63.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	126	50	"	"	"	"	X
95-47-6	o-Xylene	72.7		µg/kg dry	63.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	632	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	632	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1260	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	316	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	25300	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	904		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	793		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,110		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	430		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2)	107307-3704-210	Soil	15-May-09 12:30	19-May-09
SA95070-05				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	837		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	945		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2)	107307-3704-210	Soil	15-May-09 12:30	19-May-09
SA95070-05				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	1,590		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*82*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.8	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	79.7		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	79.7		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	79.7		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2) SA95070-05	107307-3704-210	Soil	15-May-09 12:30	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.47	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	22.2		mg/kg dry	1.47	1	"	"	"	"	X
7440-39-3	Barium	64.4		mg/kg dry	0.983	1	"	"	"	"	X
7440-43-9	Cadmium	0.890		mg/kg dry	0.492	1	"	"	"	"	X
7440-47-3	Chromium	16.7		mg/kg dry	0.983	1	"	"	"	"	X
7439-97-6	Mercury	0.472		mg/kg dry	0.0339	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	106		mg/kg dry	1.47	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.36		mg/kg dry	1.47	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0144		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	86.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4) SA95070-06	107307-3704-210	Soil	15-May-09 13:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.83 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	80.1		µg/kg dry	55.9	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	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.9	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	28.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	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	55.9	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	55.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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: 6.83 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	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	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.9	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	55.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	403	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	403	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	403	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	403	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	974		µg/kg dry	403	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	848		µg/kg dry	403	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,290		µg/kg dry	403	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	403	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	513		µg/kg dry	403	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	403	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	431		µg/kg dry	403	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	403	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
218-01-9	Chrysene	1,220		µg/kg dry	403	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	403	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
206-44-0	Fluoranthene	1,770		µg/kg dry	403	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	403	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	403	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	403	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	403	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1610	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1610	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	403	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
85-01-8	Phenanthrene	858		µg/kg dry	403	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	403	1	"	"	"	"	X
129-00-0	Pyrene	2,900		µg/kg dry	403	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*90*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*84*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.2	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.2	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.2	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.2	1	"	"	"	"	X
37324-23-5	Aroclor-1262	806		µg/kg dry	24.2	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.2	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.3	1	"	"	"	"	
	Unidentified	203		mg/kg dry	16.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	203		mg/kg dry	16.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	203		mg/kg dry	16.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4) SA95070-06	107307-3704-210	Soil	15-May-09 13:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	10.9		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	309		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	7.70		mg/kg dry	0.563	1	"	"	"	"	X
7440-47-3	Chromium	34.8		mg/kg dry	1.13	1	"	"	"	"	X
7439-97-6	Mercury	0.107		mg/kg dry	0.0343	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	230		mg/kg dry	1.69	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0410		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0276		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.07 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	67.1	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	671	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	67.1	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	134	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	671	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	336	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	134	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	134	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	134	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	134	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	671	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	671	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	671	50	"	"	"	"	X
91-20-3	Naphthalene	92.0		µg/kg dry	67.1	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

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: 15.07 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	67.1	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-88-3	Toluene	98.0		µg/kg dry	67.1	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	67.1	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	275		µg/kg dry	67.1	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	67.1	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	134	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	671	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	671	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1340	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	336	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	26900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1900	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1900	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1900	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1900	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1900	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1900	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3)	107307-3704-210	Soil	18-May-09 08:05	19-May-09
SA95070-07				

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1900	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	1900	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1900	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1900	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1900	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1900	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1900	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1900	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7590	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7590	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1900	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1900	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3)	107307-3704-210	Soil	18-May-09 08:05	19-May-09
SA95070-07				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.0	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Unidentified	296		mg/kg dry	15.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	296		mg/kg dry	15.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	296		mg/kg dry	15.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	6.71		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	65.0		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	0.814		mg/kg dry	0.543	1	"	"	"	"	X
7440-47-3	Chromium	15.8		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.161		mg/kg dry	0.0311	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	135		mg/kg dry	1.63	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.91		mg/kg dry	1.63	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0218		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	85.2		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.45 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	50.1	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	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.1	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	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	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	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	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	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	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	50.1	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	50.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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: 7.45 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	20-May-09	21-May-09	9051430	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	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	390	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	390	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	390	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	390	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	390	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	390	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	390	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	390	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	390	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	390	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	390	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	390	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	390	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	390	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	390	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	390	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	390	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	390	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	390	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	390	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	390	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	390	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	390	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1560	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1560	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	390	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	390	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2)	107307-3704-210	Soil	18-May-09 08:15	19-May-09
SA95070-08				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	390	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	390	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	390	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*85*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*81*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.6	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.6	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.6	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.6	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.6	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.7	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	20.6		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	46.7		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	0.807		mg/kg dry	0.542	1	"	"	"	"	X
7440-47-3	Chromium	14.2		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.133		mg/kg dry	0.0342	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	62.7		mg/kg dry	1.62	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.42		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0360		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0061		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0150		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	83.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.82 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	56.0	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	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.0	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	28.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	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	56.0	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	56.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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: 6.82 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	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	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	398	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	398	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	398	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	398	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	398	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	398	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	398	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	398	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	398	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	398	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	398	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	398	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	398	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	398	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	398	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	398	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	398	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	398	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	398	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	398	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	398	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	398	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	398	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1590	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1590	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	398	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	398	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2)	107307-3704-210	Soil	18-May-09 09:00	19-May-09
SA95070-09				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	398	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	398	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	398	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*87*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.0	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.0	1	"	"	"	"	
	Unidentified	45.4		mg/kg dry	16.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	45.4		mg/kg dry	16.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	45.4		mg/kg dry	16.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	3.44		mg/kg dry	1.64	1	"	"	"	"	X
7440-39-3	Barium	49.3		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.547	1	"	"	"	"	X
7440-47-3	Chromium	15.8		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.0348		mg/kg dry	0.0338	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	21.6		mg/kg dry	1.64	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	3.85		mg/kg dry	1.64	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0136		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2) SA95070-10	107307-3704-210	Soil	18-May-09 10:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.41 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.4	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	53.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2)	107307-3704-210	Soil	18-May-09 10:00	19-May-09
SA95070-10				

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: 6.41 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	20-May-09	21-May-09	9051430	X
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	108	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2150	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	382	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	382	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	382	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	382	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	510		µg/kg dry	382	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	382	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	382	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	382	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	382	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2)	107307-3704-210	Soil	18-May-09 10:00	19-May-09
SA95070-10				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	382	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
218-01-9	Chrysene	414		µg/kg dry	382	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	382	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
206-44-0	Fluoranthene	667		µg/kg dry	382	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	382	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	382	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	382	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1530	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1530	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	382	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	382	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2)	107307-3704-210	Soil	18-May-09 10:00	19-May-09
SA95070-10				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	382	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	382	1	"	"	"	"	X
129-00-0	Pyrene	660		µg/kg dry	382	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*70*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.4	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Unidentified	71.6		mg/kg dry	15.4	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	71.6		mg/kg dry	15.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	71.6		mg/kg dry	15.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*53*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2) SA95070-10	107307-3704-210	Soil	18-May-09 10:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	6.89		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	35.6		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.539	1	"	"	"	"	X
7440-47-3	Chromium	12.6		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	36.5		mg/kg dry	1.62	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0188		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4) SA95070-11	107307-3704-210	Soil	18-May-09 11:45	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.92 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	75.4	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	75.4	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	16.1		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	75.4	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	75.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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: 4.92 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW846 8260B	20-May-09	21-May-09	9051430	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	9.8		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	75.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.4	1	"	"	"	"	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	3010	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	409	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	409	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	409	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	409	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	409	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	409	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	409	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	409	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	409	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	409	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	409	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	409	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	409	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	409	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	409	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*44*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*47*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.1	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Unidentified	381		mg/kg dry	16.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	381		mg/kg dry	16.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	381		mg/kg dry	16.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.27		mg/kg dry	1.60	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	14.3		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	1,210		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	367		mg/kg dry	0.533	1	"	"	"	"	X
7440-47-3	Chromium	59.8		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	0.952		mg/kg dry	0.0339	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	2,290		mg/kg dry	1.60	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.23		mg/kg dry	1.60	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.186		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	0.0088		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	80.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.83 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	56.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	564	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	56.4	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	113	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	564	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	282	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	113	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	113	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	113	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	113	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	564	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	564	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	564	50	"	"	"	"	X
91-20-3	Naphthalene	248		µg/kg dry	56.4	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

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: 15.83 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	56.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	56.4	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	56.4	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	113	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	564	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	564	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1130	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	282	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	22500	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*77*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*78*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*78*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	3580	10	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	3580	10	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3580	10	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	3580	10	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	3580	10	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3580	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	3580	10	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	3580	10	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3580	10	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3580	10	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	3580	10	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3580	10	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3580	10	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	3580	10	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	14300	10	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	14300	10	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3580	10	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3580	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*51*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	7.61	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	7.61	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	7.61	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	7.61	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	7.61	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	7.61	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	7.61	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	7.61	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	6.99	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.61	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	7.61	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	11.4	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	11.4	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	11.4	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	11.4	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	11.4	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	11.4	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	11.4	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	7.61	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	7.61	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	152	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	19.0	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	7.61	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*113*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*49*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	10.9	1	SW846 8082	22-May-09	22-May-09	9051621	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
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	10.9	1	SW846 8082	22-May-09	22-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	10.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	10.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	20.3		µg/kg dry	10.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	10.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	22-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	72.1	5	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	72.1	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	72.1	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	72.1	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	72.1	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	72.1	5	"	"	"	"	
	Unidentified	1,490		mg/kg dry	72.1	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	72.1	5	"	"	"	"	
	Total Petroleum Hydrocarbons	1,490		mg/kg dry	72.1	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,490		mg/kg dry	72.1	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.40	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	7.26		mg/kg dry	1.40	1	"	"	"	"	X
7440-39-3	Barium	74.0		mg/kg dry	0.936	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.468	1	"	"	"	"	X
7440-43-9	Cadmium	0.880		mg/kg dry	0.468	1	"	"	"	"	X
7440-47-3	Chromium	28.9		mg/kg dry	0.936	1	"	"	"	"	X
7440-50-8	Copper	379		mg/kg dry	0.936	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.315		mg/kg dry	0.0295	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	19.9		mg/kg dry	0.936	1	SW846 6010B	"	30-May-09	9051808	X
7439-92-1	Lead	129		mg/kg dry	1.40	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/kg dry	4.68	1	"	"	"	"	X
7782-49-2	Selenium	2.59		mg/kg dry	1.40	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	2.81	1	"	"	"	"	X
7440-62-2	Vanadium	39.9		mg/kg dry	1.40	1	"	"	"	"	X
7440-66-6	Zinc	174		mg/kg dry	0.936	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	0.697		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0043		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0107		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	1.45		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	22-May-09	26-May-09	9051596	X
7440-02-0	Nickel	0.0322		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7439-92-1	Lead	0.636		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	1.07		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0294		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-50-8	Copper	0.0424		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7439-92-1	Lead	0.0076		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0500	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	8.40	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:49	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	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
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	25.0	1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Sulfide	BRL		mg/kg dry	49.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 16.06 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	60.7	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	607	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	60.7	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	121	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	607	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	303	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	121	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	121	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	121	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	121	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	607	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	607	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	607	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	60.7	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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: 16.06 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	60.7	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	60.7	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	60.7	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	121	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	607	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	607	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1210	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	303	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	24300	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*76*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*78*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*77*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	371	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	371	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	371	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	371	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	771		µg/kg dry	371	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	844		µg/kg dry	371	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,810		µg/kg dry	371	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	493		µg/kg dry	371	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	630		µg/kg dry	371	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	371	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	371	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	738		µg/kg dry	371	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	371	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
218-01-9	Chrysene	1,290		µg/kg dry	371	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	371	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
206-44-0	Fluoranthene	1,690		µg/kg dry	371	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	371	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	371	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	538		µg/kg dry	371	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	371	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1480	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1480	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	371	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	371	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2)	107307-3704-210	Soil	18-May-09 15:35	19-May-09
SA95070-13				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	371	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	371	1	"	"	"	"	X
129-00-0	Pyrene	2,160		µg/kg dry	371	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*83*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*92*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.6	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.9	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.9	1	"	"	"	"	
	Unidentified	146		mg/kg dry	14.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	146		mg/kg dry	14.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	146		mg/kg dry	14.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*108*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	31.6		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	34.7		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	0.716		mg/kg dry	0.543	1	"	"	"	"	X
7440-47-3	Chromium	15.0		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.0414		mg/kg dry	0.0335	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	29.4		mg/kg dry	1.63	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.10		mg/kg dry	1.63	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0235		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.61 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	71.1	50	SW846 8260B	22-May-09	22-May-09	9051624	X
67-64-1	Acetone	BRL		µg/kg dry	711	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	71.1	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	142	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	711	50	"	"	"	"	X
104-51-8	n-Butylbenzene	2,940		µg/kg dry	71.1	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	1,820		µg/kg dry	71.1	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	73.2		µg/kg dry	71.1	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	355	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	142	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	142	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	142	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	142	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
100-41-4	Ethylbenzene	825		µg/kg dry	71.1	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	711	50	"	"	"	"	X
98-82-8	Isopropylbenzene	667		µg/kg dry	71.1	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	1,640		µg/kg dry	71.1	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	711	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	711	50	"	"	"	"	X
91-20-3	Naphthalene	3,880		µg/kg dry	71.1	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

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 5030 Soil (high level)					Initial weight: 15.61 g						
103-65-1	n-Propylbenzene	1,870		µg/kg dry	71.1	50	SW846 8260B	22-May-09	22-May-09	9051624	X
100-42-5	Styrene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	71.1	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	8,590		µg/kg dry	71.1	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	2,310		µg/kg dry	71.1	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	71.1	50	"	"	"	"	X
179601-23-1	m,p-Xylene	1,000		µg/kg dry	142	50	"	"	"	"	X
95-47-6	o-Xylene	135		µg/kg dry	71.1	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	711	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	711	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1420	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	355	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	28400	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*96*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	476	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	476	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	476	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	476	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	476	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	476	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	476	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	476	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4)	107307-3704-210	Soil	18-May-09 16:00	19-May-09
SA95070-14				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	476	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	476	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	476	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	476	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	476	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	476	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	476	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	476	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	476	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	476	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
86-73-7	Fluorene	510		µg/kg dry	476	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	476	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	476	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	476	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	1,780		µg/kg dry	476	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	476	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	1,560		µg/kg dry	476	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	476	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1910	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1910	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	476	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	476	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4)	107307-3704-210	Soil	18-May-09 16:00	19-May-09
SA95070-14				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
85-01-8	Phenanthrene	652		µg/kg dry	476	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	476	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	476	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*97*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*66*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.9	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*103*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	19.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	1,030		mg/kg dry	19.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	19.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	1,030		mg/kg dry	19.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,030		mg/kg dry	19.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.65	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	3.91		mg/kg dry	1.65	1	"	"	"	"	X
7440-39-3	Barium	30.7		mg/kg dry	1.10	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.550	1	"	"	"	"	X
7440-47-3	Chromium	13.7		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	0.0390		mg/kg dry	0.0334	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	10.8		mg/kg dry	1.65	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.57		mg/kg dry	1.65	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0463		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.0		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.02 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	BRL		µg/kg dry	48.6	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	9.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.6	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	24.3	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	9.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.7	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	9.7	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	9.7	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	48.6	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	48.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

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: 7.02 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	22-May-09	22-May-09	9051619	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	9.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.6	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	48.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	97.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1940	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2)	107307-3704-210	Soil	18-May-09 16:15	19-May-09
SA95070-15				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2)	107307-3704-210	Soil	18-May-09 16:15	19-May-09
SA95070-15				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*82*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*76*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.9	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	5.38		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	38.1		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.540	1	"	"	"	"	X
7440-47-3	Chromium	16.1		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.0508		mg/kg dry	0.0333	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	13.1		mg/kg dry	1.62	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.26		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0119		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	86.8		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2) SA95070-16	107307-3704-210	Soil	18-May-09 16:35	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.07 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.4	1	SW846 8260B	21-May-09	22-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	43.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	43.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2)	107307-3704-210	Soil	18-May-09 16:35	19-May-09
SA95070-16				

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: 6.07 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.4	1	SW846 8260B	21-May-09	22-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	43.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	43.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	87.9	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1760	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	334	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	334	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	334	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	334	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	334	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	334	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	334	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	334	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2) SA95070-16	107307-3704-210	Soil	18-May-09 16:35	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	334	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	334	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	334	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	334	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	334	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	334	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	334	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	334	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	334	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	334	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	334	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	334	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	334	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	334	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	334	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1340	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1340	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	334	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	334	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2)	107307-3704-210	Soil	18-May-09 16:35	19-May-09
SA95070-16				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	334	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	334	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	334	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*72*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.1	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	13.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	13.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	13.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	13.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	13.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	13.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	13.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2) SA95070-16	107307-3704-210	Soil	18-May-09 16:35	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.38	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.31		mg/kg dry	1.38	1	"	"	"	"	X
7440-39-3	Barium	22.5		mg/kg dry	0.919	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.460	1	"	"	"	"	X
7440-47-3	Chromium	6.02		mg/kg dry	0.919	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0293	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	6.60		mg/kg dry	1.38	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	1.61		mg/kg dry	1.38	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0102		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	97.1		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.54 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	79.9	50	SW846 8260B	26-May-09	27-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	799	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	79.9	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	160	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	799	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	400	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	160	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	160	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	160	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	160	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	799	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	799	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	799	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	79.9	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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: 15.54 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	79.9	50	SW846 8260B	26-May-09	27-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	79.9	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	79.9	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	160	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	799	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	799	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1600	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	400	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	32000	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	427	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	427	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	427	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	427	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	443		µg/kg dry	427	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	449		µg/kg dry	427	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	537		µg/kg dry	427	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	427	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	427	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2)	107307-3704-210	Soil	19-May-09 08:30	19-May-09
SA95070-17				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	427	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
218-01-9	Chrysene	470		µg/kg dry	427	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	427	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
206-44-0	Fluoranthene	753		µg/kg dry	427	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	427	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	427	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	427	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	427	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1710	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1710	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	427	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	427	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	427	1	"	"	"	"	X
129-00-0	Pyrene	687		µg/kg dry	427	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*93*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	26.1	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	26.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	26.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	26.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	26.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.2	1	"	"	"	"	
	Unidentified	158		mg/kg dry	17.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	158		mg/kg dry	17.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	158		mg/kg dry	17.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*54*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.90	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.76		mg/kg dry	1.90	1	"	"	"	"	X
7440-39-3	Barium	60.8		mg/kg dry	1.27	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.634	1	"	"	"	"	X
7440-47-3	Chromium	17.1		mg/kg dry	1.27	1	"	"	"	"	X
7439-97-6	Mercury	0.126		mg/kg dry	0.0387	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	45.9		mg/kg dry	1.90	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.14		mg/kg dry	1.90	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0274		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	75.6		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.95 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	21-May-09	22-May-09	9051534	X
67-64-1	Acetone	90.6		µg/kg dry	54.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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: 5.95 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	21-May-09	22-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2180	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1860	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1860	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1860	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1860	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1860	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	2,060		µg/kg dry	1860	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1860	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1860	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1860	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1860	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1860	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1860	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
218-01-9	Chrysene	2,320		µg/kg dry	1860	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1860	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1860	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1860	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
206-44-0	Fluoranthene	4,450		µg/kg dry	1860	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1860	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1860	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1860	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1860	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1860	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7430	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7430	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1860	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1860	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6)	107307-3704-210	Soil	19-May-09 09:20	19-May-09
SA95070-18				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
85-01-8	Phenanthrene	4,410		µg/kg dry	1860	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
129-00-0	Pyrene	4,340		µg/kg dry	1860	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	7.71	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	7.71	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	7.71	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	7.71	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	7.71	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	7.71	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	7.71	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	7.71	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.71	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	7.71	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	11.6	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	11.6	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	11.6	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	11.6	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	11.6	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	11.6	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	11.6	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	7.71	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	7.71	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	154	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	19.3	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	7.71	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	11.0	1	SW846 8082	22-May-09	23-May-09	9051621	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
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	11.0	1	SW846 8082	22-May-09	23-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	11.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	11.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	11.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	11.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	11.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	35.9		µg/kg dry	11.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	11.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	22-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	407		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	407		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	407		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.14		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	92.4		mg/kg dry	1.09	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.544	1	"	"	"	"	X
7440-43-9	Cadmium	1.47		mg/kg dry	0.544	1	"	"	"	"	X
7440-47-3	Chromium	20.5		mg/kg dry	1.09	1	"	"	"	"	X
7440-50-8	Copper	149		mg/kg dry	1.09	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.137		mg/kg dry	0.0320	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	21.2		mg/kg dry	1.09	1	SW846 6010B	"	30-May-09	9051808	X
7439-92-1	Lead	156		mg/kg dry	1.63	1	"	"	"	"	X
7440-36-0	Antimony	1.03		mg/kg dry	1.02	1	"	"	"	"	X
7782-49-2	Selenium	2.79		mg/kg dry	1.63	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	3.26	1	"	"	"	"	X
7440-62-2	Vanadium	30.9		mg/kg dry	1.63	1	"	"	"	"	X
7440-66-6	Zinc	347		mg/kg dry	1.09	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	1.25		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0122		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0099		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.992		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	22-May-09	26-May-09	9051596	X
7440-02-0	Nickel	0.0398		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7439-92-1	Lead	7.70		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	0.0366		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	1.97		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0244		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-50-8	Copper	0.0328		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7439-92-1	Lead	0.0324		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0500	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	88.0		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	7.33	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:54	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	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
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	25.0	1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Sulfide	BRL		mg/kg dry	49.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.04 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	BRL		µg/kg dry	65.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.8	1	"	"	"	"	X
91-20-3	Naphthalene	34.7		µg/kg dry	6.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

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: 6.04 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2630	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	409	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	409	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	409	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	409	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	878		µg/kg dry	409	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	801		µg/kg dry	409	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	935		µg/kg dry	409	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	409	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	530		µg/kg dry	409	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	409	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2)	107307-3704-210	Soil	19-May-09 12:40	19-May-09
SA95070-19				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	1,230		µg/kg dry	409	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	409	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
218-01-9	Chrysene	983		µg/kg dry	409	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	409	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
206-44-0	Fluoranthene	1,780		µg/kg dry	409	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	409	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	409	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	409	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	409	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2)	107307-3704-210	Soil	19-May-09 12:40	19-May-09
SA95070-19				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
85-01-8	Phenanthrene	1,570		µg/kg dry	409	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	409	1	"	"	"	"	X
129-00-0	Pyrene	1,650		µg/kg dry	409	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*43*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*83*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.0	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	301		µg/kg dry	24.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	50.2		µg/kg dry	24.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*109*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Unidentified	222		mg/kg dry	16.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	222		mg/kg dry	16.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	222		mg/kg dry	16.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.77	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	6.48		mg/kg dry	1.77	1	"	"	"	"	X
7440-39-3	Barium	74.9		mg/kg dry	1.18	1	"	"	"	"	X
7440-43-9	Cadmium	1.04		mg/kg dry	0.589	1	"	"	"	"	X
7440-47-3	Chromium	21.3		mg/kg dry	1.18	1	"	"	"	"	X
7439-97-6	Mercury	0.588		mg/kg dry	0.0353	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	142		mg/kg dry	1.77	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.71		mg/kg dry	1.77	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0302		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	0.0191		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	78.9		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
208-96-8	Acenaphthylene	BRL		µg/l	5.38	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.38	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.38	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.38	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.38	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.38	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.38	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.38	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.38	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.38	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.38	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.38	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.38	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.38	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.38	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.38	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.38	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.38	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.38	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	10.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	21.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	21.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.38	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.38	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.38	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	21.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-95-2	Phenol	BRL		µg/l	5.38	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.38	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*104*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	21-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.217	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.217	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.217	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.217	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.217	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.217	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.217	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.217	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.217	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*55*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0089		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.209		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0351		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0270		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0776		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
208-96-8	Acenaphthylene	BRL		µg/l	5.21	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.21	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.21	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.21	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.21	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.21	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.21	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.21	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.21	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.21	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.21	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.21	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.21	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.21	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.21	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.21	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.21	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.21	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.21	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.21	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.21	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.21	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.21	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.21	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	10.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	20.8	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.21	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	20.8	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.21	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.21	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.21	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	20.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09
SA95070-21				

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-95-2	Phenol	BRL		µg/l	5.21	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.21	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.21	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.21	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*37*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*22*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*103*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	21-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	alpha-BHC	BRL		µg/l	0.0215	1	SW846 8081A	21-May-09	22-May-09	9051518	X
319-85-7	beta-BHC	BRL		µg/l	0.0215	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/l	0.0215	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/l	0.0215	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/l	0.0215	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/l	0.0215	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/l	0.0215	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
959-98-8	Endosulfan I	BRL		µg/l	0.0215	1	SW846 8081A	21-May-09	22-May-09	9051518	X
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0215	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/l	0.0430	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/l	0.0430	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0430	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/l	0.0430	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0430	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/l	0.0430	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/l	0.0430	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/l	0.0430	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/l	0.0215	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/l	0.0215	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/l	0.5376	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/l	0.5376	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/l	0.0215	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.0650	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.0650	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.0650	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.0650	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.0650	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.0650	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.0650	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.0650	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*48*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*37*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	21-May-09	21-May-09	9051539	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*106*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0485		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	01-Jun-09	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0086		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0264		mg/l	0.0050	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9052037	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0445		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0198		mg/l	0.0050	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9052039	X
General Chemistry Parameters											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
General Chemistry Parameters											
	pH	5.95	pH	pH Units		1	ASTM D 1293-99B	19-May-09 14:30	19-May-09 20:02	9051382	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/l		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051661	
	Reactive Cyanide	BRL		mg/l	25.0	1	"	"	"	"	
	Reactive Sulfide	BRL		mg/l	50.0	1	"	"	"	"	
Toxicity Characteristics											
	Flashpoint	>200		°F		1	SW846 1010	27-May-09	28-May-09	9051937	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09
SA95070-22				

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.62	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.62	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.62	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.62	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.62	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.62	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.62	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.62	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.62	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.62	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.62	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.62	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.62	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.62	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.62	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.62	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.62	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.62	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.62	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.62	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.62	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.62	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.62	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.62	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	22.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.62	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	22.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.62	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.62	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.62	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	22.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.62	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.62	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.62	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.62	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*41*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*95*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.101		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	0.135		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	0.112		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	0.202		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	0.101		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	0.112		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	0.124		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	0.281		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	0.090		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.135		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	0.236		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.206	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.206	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.206	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.206	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.206	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.206	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.206	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.206	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.206	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*42*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0079		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0442		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0142		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0098		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0154		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	12.4		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	1.2		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	12.7		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			GS								
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.88	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.88	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.88	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.88	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.88	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.88	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.88	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.88	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.88	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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			GS								
Prepared by method SW846 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.88	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.88	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.88	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.88	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.88	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.88	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.88	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.88	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.88	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.88	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.88	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	23.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.88	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	23.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.88	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.88	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.88	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	23.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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			GS								
Prepared by method SW846 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.88	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.88	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.88	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.88	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*41*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*25*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*105*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	alpha-BHC	BRL		µg/l	0.0222	1	SW846 8081A	21-May-09	22-May-09	9051518	X
319-85-7	beta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/l	0.0222	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/l	0.0222	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/l	0.0222	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/l	0.0222	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/l	0.0222	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0222	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/l	0.0444	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/l	0.0444	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/l	0.0444	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/l	0.0444	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/l	0.0444	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/l	0.0444	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/l	0.5556	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/l	0.5556	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/l	0.0222	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*107*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.0650	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
GW-B-16	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09
SA95070-23				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11141-16-5	Aroclor-1232	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.0650	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.0650	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.0650	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.0650	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.0650	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.0650	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	21-May-09	21-May-09	9051539	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	1.9		mg/l	0.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	1.9		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1.9		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0206		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.363		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0447		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.278		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.0310		mg/l	0.0050	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	0.126		mg/l	0.0075	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	01-Jun-09	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0136		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-62-2	Vanadium	0.0258		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.405		mg/l	0.0050	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00036		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9052037	X
7440-38-2	Arsenic	0.0049		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.167		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.0054		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0176		mg/l	0.0050	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9052039	X
General Chemistry Parameters											
	pH	7.16	pH	pH Units		1	ASTM D 1293-99B	19-May-09 14:30	19-May-09 20:02	9051382	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/l		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051661	
	Reactive Cyanide	BRL		mg/l	25.0	1	"	"	"	"	
	Reactive Sulfide	BRL		mg/l	50.0	1	"	"	"	"	
Toxicity Characteristics											
	Flashpoint	>200		°F		1	SW846 1010	27-May-09	28-May-09	9051937	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	11.2		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	1.2		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	5.4		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09
SA95070-24				

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.56	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.56	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.56	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.56	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.56	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.56	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.56	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.56	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.56	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.56	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.56	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.56	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.56	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.56	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.56	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.56	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.56	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.56	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.56	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.56	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	22.2	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.56	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	22.2	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.56	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.56	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.56	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	22.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09
SA95070-24				

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.56	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.56	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.56	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.56	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*37*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*22*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*88*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	2.23		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	0.333		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.322		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	0.511		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	0.511		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	0.644		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	0.867		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	0.578		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	0.567		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	0.700		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	0.156		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	1.26		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	1.26		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	0.522		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.333		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	1.22		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	1.32		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	1.12		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*51*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*56*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.211	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.211	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.211	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.211	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.211	1	"	"	"	"	X
11097-69-1	Aroclor-1254	0.360		µg/l	0.211	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.211	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.211	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.211	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*34*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0204		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.309		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0430		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.343		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00053		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	0.0047		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.150		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0096		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	6.02	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	6.02	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	6.02	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.02	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	6.02	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.02	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	6.02	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	6.02	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.02	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.02	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.02	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	6.02	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.02	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	6.02	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	6.02	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	6.02	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	6.02	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.02	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.02	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	6.02	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.02	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.02	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	6.02	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	6.02	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	12.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	24.1	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	6.02	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	24.1	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.02	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	6.02	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.02	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	24.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	6.02	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	6.02	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	6.02	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	6.02	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*93*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	0.663		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	0.241		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	0.241		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	0.675		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	0.157		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.213	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.213	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.213	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.213	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.213	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.213	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.213	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.213	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.213	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0160		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0887		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	0.0115		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0648		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
Blank (9051430-BLK1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
Blank (9051430-BLK1)										
Prepared & Analyzed: 20-May-09										
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/kg wet		20.0		121	70-130		
Acetone	12.0		µg/kg wet		20.0		60	40-193		
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130		
Benzene	18.1		µg/kg wet		20.0		90	70-130		
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.1		µg/kg wet		20.0		95	70-130		
Bromoform	22.2		µg/kg wet		20.0		111	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	62.9-131		
2-Butanone (MEK)	13.8		µg/kg wet		20.0		69	47-163		
n-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130		
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Carbon disulfide	18.6		µg/kg wet		20.0		93	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130		
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130		
Chloroform	18.7		µg/kg wet		20.0		93	70-130		
Chloromethane	13.7	QC2	µg/kg wet		20.0		69	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	16.1		µg/kg wet		20.0		80	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	24.1		µg/kg wet		20.0		121	70-130		
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	17.9		µg/kg wet		20.0		89	62.6-136		
1,1-Dichloroethane	17.3		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130		
1,1-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130		
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	16.7		µg/kg wet		20.0		84	70-130		
1,3-Dichloropropane	18.7		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130		
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	19.2		µg/kg wet		20.0		96	70-130		
2-Hexanone (MBK)	12.6	QC2	µg/kg wet		20.0		63	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	70-130		
Methylene chloride	19.1		µg/kg wet		20.0		96	70-130		
Naphthalene	16.8		µg/kg wet		20.0		84	70-130		
n-Propylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Styrene	21.8		µg/kg wet		20.0		109	70-130		
1,1,1,2-Tetrachloroethane	22.7		µg/kg wet		20.0		114	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	24.3		µg/kg wet		20.0		121	70-130		
Toluene	19.4		µg/kg wet		20.0		97	70-130		
1,2,3-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130		
1,2,4-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		106	70-140		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
Vinyl chloride	17.2		µg/kg wet		20.0		86	70-130		
m,p-Xylene	44.9		µg/kg wet		40.0		112	70-130		
o-Xylene	23.0		µg/kg wet		20.0		115	70-130		
Tetrahydrofuran	12.6	QC2	µg/kg wet		20.0		63	70-130		
Ethyl ether	18.1		µg/kg wet		20.0		90	70-132		
Tert-amyl methyl ether	17.0		µg/kg wet		20.0		85	70-130		
Ethyl tert-butyl ether	15.1		µg/kg wet		20.0		75	70-130		
Di-isopropyl ether	13.6	QC2	µg/kg wet		20.0		68	70-130		
Tert-Butanol / butyl alcohol	174		µg/kg wet		200		87	70-130		
1,4-Dioxane	179		µg/kg wet		200		90	59.1-148		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		102	70-130		
Ethanol	268	QC1	µg/kg wet		400		67	70-130		
Surrogate: 4-Bromofluorobenzene	*57.3*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*42.8*		µg/kg wet		*50.0*		*86*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS Dup (9051430-BSD1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130	1	25
Acetone	11.9		µg/kg wet		20.0		59	40-193	1	50
Acrylonitrile	17.3		µg/kg wet		20.0		86	70-130	4	25
Benzene	18.2		µg/kg wet		20.0		91	70-130	0.9	25
Bromobenzene	23.4		µg/kg wet		20.0		117	70-130	0.7	25
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130	0.7	25
Bromoform	22.8		µg/kg wet		20.0		114	70-130	3	25
Bromomethane	16.0		µg/kg wet		20.0		80	62.9-131	0.9	50
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	47-163	3	50
n-Butylbenzene	17.3		µg/kg wet		20.0		87	70-130	2	25
sec-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	0.6	25
Carbon disulfide	21.0		µg/kg wet		20.0		105	70-130	12	25
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130	0.05	25
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130	0.4	25
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130	0.2	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	0.1	25
Chloromethane	14.0	QC2	µg/kg wet		20.0		70	70-130	2	25
2-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130	2	25
4-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	3	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130	6	25
Dibromochloromethane	21.0		µg/kg wet		20.0		105	70-130	2	50
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130	1	25
Dibromomethane	19.2		µg/kg wet		20.0		96	70-130	2	25
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	1	25
1,3-Dichlorobenzene	23.5		µg/kg wet		20.0		117	70-130	3	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		87	62.6-136	2	50
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88	70-130	2	25
1,2-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	7	25
1,1-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS Dup (9051430-BSD1)										
Prepared & Analyzed: 20-May-09										
cis-1,2-Dichloroethene	20.7		µg/kg wet		20.0		103	70-130	0.6	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	2	25
1,2-Dichloropropane	16.9		µg/kg wet		20.0		85	70-130	1	25
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	4	25
2,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	0.5	25
1,1-Dichloropropene	19.3		µg/kg wet		20.0		97	70-130	1	25
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	0.1	25
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130	1	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	70-130	2	50
2-Hexanone (MBK)	13.4	QC2	µg/kg wet		20.0		67	70-130	6	25
Isopropylbenzene	19.3		µg/kg wet		20.0		96	70-130	2	25
4-Isopropyltoluene	20.1		µg/kg wet		20.0		101	70-130	1	25
Methyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130	4	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/kg wet		20.0		106	70-130	16	50
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130	4	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	4	25
n-Propylbenzene	21.8		µg/kg wet		20.0		109	70-130	2	25
Styrene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,1,1,2-Tetrachloroethane	22.4		µg/kg wet		20.0		112	70-130	1	25
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		107	70-130	1	25
Tetrachloroethene	23.5		µg/kg wet		20.0		118	70-130	3	25
Toluene	19.8		µg/kg wet		20.0		99	70-130	2	25
1,2,3-Trichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
1,2,4-Trichlorobenzene	15.9		µg/kg wet		20.0		80	70-130	3	25
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	0.9	25
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	1	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	2	25
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130	0.4	25
Trichlorofluoromethane (Freon 11)	21.0		µg/kg wet		20.0		105	70-140	0.6	50
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130	0.7	25
1,2,4-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.4	25
Vinyl chloride	17.0		µg/kg wet		20.0		85	70-130	2	25
m,p-Xylene	44.4		µg/kg wet		40.0		111	70-130	1	25
o-Xylene	22.9		µg/kg wet		20.0		114	70-130	0.7	25
Tetrahydrofuran	13.7	QC2	µg/kg wet		20.0		69	70-130	8	25
Ethyl ether	19.1		µg/kg wet		20.0		95	70-132	5	50
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		86	70-130	2	25
Ethyl tert-butyl ether	15.6		µg/kg wet		20.0		78	70-130	4	25
Di-isopropyl ether	13.8	QC2	µg/kg wet		20.0		69	70-130	1	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130	7	25
1,4-Dioxane	190		µg/kg wet		200		95	59.1-148	6	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	1	25
Ethanol	296		µg/kg wet		400		74	70-130	10	30
Surrogate: 4-Bromofluorobenzene	*57.0*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
Blank (9051534-BLK1)										
Prepared & Analyzed: 21-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
Blank (9051534-BLK1)										
Prepared & Analyzed: 21-May-09										
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.6		µg/kg wet		20.0		123	70-130		
Acetone	10.3		µg/kg wet		20.0		52	40-193		
Acrylonitrile	16.0		µg/kg wet		20.0		80	70-130		
Benzene	17.8		µg/kg wet		20.0		89	70-130		
Bromobenzene	23.4		µg/kg wet		20.0		117	70-130		
Bromochloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.7		µg/kg wet		20.0		114	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	62.9-131		
2-Butanone (MEK)	13.3		µg/kg wet		20.0		66	47-163		
n-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130		
sec-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Carbon disulfide	17.4		µg/kg wet		20.0		87	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130		
Chlorobenzene	22.1		µg/kg wet		20.0		111	70-130		
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
Chloroform	18.2		µg/kg wet		20.0		91	70-130		
Chloromethane	13.4	QC2	µg/kg wet		20.0		67	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130		
Dibromochloromethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130		
Dibromomethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	24.4		µg/kg wet		20.0		122	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	62.6-136		
1,1-Dichloroethane	17.1		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	16.0		µg/kg wet		20.0		80	70-130		
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,3-Dichloropropane	17.9		µg/kg wet		20.0		89	70-130		
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	15.8		µg/kg wet		20.0		79	70-130		
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	20.1		µg/kg wet		20.0		100	70-130		
2-Hexanone (MBK)	13.3	QC2	µg/kg wet		20.0		67	70-130		
Isopropylbenzene	20.3		µg/kg wet		20.0		102	70-130		
4-Isopropyltoluene	21.1		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	70-130		
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130		
Naphthalene	16.9		µg/kg wet		20.0		84	70-130		
n-Propylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	23.8		µg/kg wet		20.0		119	70-130		
Toluene	18.8		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,2,4-Trichlorobenzene	17.1		µg/kg wet		20.0		86	70-130		
1,3,5-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		99	70-130		
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
Trichloroethene	20.3		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.5		µg/kg wet		20.0		107	70-140		
1,2,3-Trichloropropane	23.2		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
m,p-Xylene	45.5		µg/kg wet		40.0		114	70-130		
o-Xylene	23.6		µg/kg wet		20.0		118	70-130		
Tetrahydrofuran	11.8	QC2	µg/kg wet		20.0		59	70-130		
Ethyl ether	17.7		µg/kg wet		20.0		88	70-132		
Tert-amyl methyl ether	15.2		µg/kg wet		20.0		76	70-130		
Ethyl tert-butyl ether	15.0		µg/kg wet		20.0		75	70-130		
Di-isopropyl ether	13.2	QC2	µg/kg wet		20.0		66	70-130		
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77	70-130		
1,4-Dioxane	167		µg/kg wet		200		83	59.1-148		
trans-1,4-Dichloro-2-butene	20.5		µg/kg wet		20.0		103	70-130		
Ethanol	212	QC2	µg/kg wet		400		53	70-130		
Surrogate: 4-Bromofluorobenzene	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9051534-BSD1)										
Prepared & Analyzed: 21-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.2		µg/kg wet		20.0		121	70-130	2	25
Acetone	8.2		µg/kg wet		20.0		41	40-193	22	50
Acrylonitrile	15.6		µg/kg wet		20.0		78	70-130	2	25
Benzene	17.5		µg/kg wet		20.0		88	70-130	1	25
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130	1	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	3	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92	70-130	2	25
Bromoform	21.9		µg/kg wet		20.0		110	70-130	4	25
Bromomethane	15.6		µg/kg wet		20.0		78	62.9-131	1	50
2-Butanone (MEK)	12.0		µg/kg wet		20.0		60	47-163	10	50
n-Butylbenzene	18.9		µg/kg wet		20.0		95	70-130	2	25
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130	0.8	25
tert-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130	0.9	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	1	25
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130	0.2	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	0.8	25
Chloroethane	15.9		µg/kg wet		20.0		80	64.2-130	0.9	50
Chloroform	18.0		µg/kg wet		20.0		90	70-130	0.9	25
Chloromethane	13.3	QC2	µg/kg wet		20.0		67	70-130	1	25
2-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130	0.8	25
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	0.09	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130	4	25
Dibromochloromethane	20.1		µg/kg wet		20.0		100	70-130	0.4	50
1,2-Dibromoethane (EDB)	18.8		µg/kg wet		20.0		94	70-130	5	25
Dibromomethane	18.1		µg/kg wet		20.0		90	70-130	2	25
1,2-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	1	25
1,3-Dichlorobenzene	24.1		µg/kg wet		20.0		120	70-130	1	25
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.6		µg/kg wet		20.0		88	62.6-136	1	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	0.4	25
1,2-Dichloroethane	16.0		µg/kg wet		20.0		80	70-130	0.1	25
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	0.2	25
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS Dup (9051534-BSD1)										
Prepared & Analyzed: 21-May-09										
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	15.9		µg/kg wet		20.0		80	70-130	4	25
1,3-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130	0.2	25
2,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	0.8	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	0.2	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	1	25
trans-1,3-Dichloropropene	15.5		µg/kg wet		20.0		78	70-130	2	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.1	25
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-130	3	50
2-Hexanone (MBK)	13.0	QC2	µg/kg wet		20.0		65	70-130	2	25
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.8	25
4-Isopropyltoluene	21.6		µg/kg wet		20.0		108	70-130	2	25
Methyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130	3	25
4-Methyl-2-pentanone (MIBK)	17.9		µg/kg wet		20.0		90	70-130	9	50
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130	3	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	5	25
n-Propylbenzene	23.1		µg/kg wet		20.0		115	70-130	0.3	25
Styrene	22.0		µg/kg wet		20.0		110	70-130	1	25
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130	1	25
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	2	25
Tetrachloroethene	23.3		µg/kg wet		20.0		117	70-130	2	25
Toluene	18.8		µg/kg wet		20.0		94	70-130	0.1	25
1,2,3-Trichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	5	25
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130	3	25
1,3,5-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130	0.1	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	0.4	25
1,1,2-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	4	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	21.3		µg/kg wet		20.0		106	70-140	1	50
1,2,3-Trichloropropane	22.9		µg/kg wet		20.0		115	70-130	1	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		111	70-130	0.5	25
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	0.09	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	0.7	25
m,p-Xylene	45.4		µg/kg wet		40.0		114	70-130	0.1	25
o-Xylene	23.3		µg/kg wet		20.0		116	70-130	2	25
Tetrahydrofuran	11.5	QC2	µg/kg wet		20.0		57	70-130	2	25
Ethyl ether	17.6		µg/kg wet		20.0		88	70-132	0.7	50
Tert-amyl methyl ether	17.2		µg/kg wet		20.0		86	70-130	12	25
Ethyl tert-butyl ether	14.7		µg/kg wet		20.0		73	70-130	2	25
Di-isopropyl ether	13.2	QC2	µg/kg wet		20.0		66	70-130	0.2	25
Tert-Butanol / butyl alcohol	132	QC1	µg/kg wet		200		66	70-130	16	25
1,4-Dioxane	147		µg/kg wet		200		74	59.1-148	12	25
trans-1,4-Dichloro-2-butene	19.9		µg/kg wet		20.0		99	70-130	3	25
Ethanol	201	QC2	µg/kg wet		400		50	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		

Batch 9051555 - SW846 5030 Water MS

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Blank (9051555-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Blank (9051555-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.0*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98*	*70-130*		
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.5	QC1	µg/l		20.0		138	70-130		
Acetone	28.6		µg/l		20.0		143	41.6-158		
Acrylonitrile	21.7		µg/l		20.0		108	70-130		
Benzene	20.1		µg/l		20.0		101	70-130		
Bromobenzene	19.8		µg/l		20.0		99	70-130		
Bromochloromethane	22.2		µg/l		20.0		111	70-130		
Bromodichloromethane	26.2	QC1	µg/l		20.0		131	70-130		
Bromoform	29.5	QC2	µg/l		20.0		147	70-130		
Bromomethane	10.9		µg/l		20.0		54	47-147		
2-Butanone (MEK)	20.6		µg/l		20.0		103	60.9-144		
n-Butylbenzene	22.2		µg/l		20.0		111	70-130		
sec-Butylbenzene	22.0		µg/l		20.0		110	70-130		
tert-Butylbenzene	21.6		µg/l		20.0		108	70-130		
Carbon disulfide	22.6		µg/l		20.0		113	70-130		
Carbon tetrachloride	22.3		µg/l		20.0		112	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Chloroethane	19.9		µg/l		20.0		99	63.6-131		
Chloroform	22.8		µg/l		20.0		114	70-130		
Chloromethane	26.2	QC1	µg/l		20.0		131	70-130		
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130		
4-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/l		20.0		100	70-130		
Dibromochloromethane	30.2	QC1	µg/l		20.0		151	58.8-145		
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130		
Dibromomethane	21.1		µg/l		20.0		105	70-130		
1,2-Dichlorobenzene	21.9		µg/l		20.0		110	70-130		
1,3-Dichlorobenzene	20.7		µg/l		20.0		104	70-130		
1,4-Dichlorobenzene	21.1		µg/l		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	20.3		µg/l		20.0		102	56.6-137		
1,1-Dichloroethane	47.9	QC1	µg/l		20.0		240	70-130		
1,2-Dichloroethane	22.3		µg/l		20.0		112	70-130		
1,1-Dichloroethene	22.5		µg/l		20.0		113	70-130		
cis-1,2-Dichloroethene	22.5		µg/l		20.0		112	70-130		
trans-1,2-Dichloroethene	49.0	CAL1, QC2	µg/l		20.0		245	70-130		
1,2-Dichloropropane	21.5		µg/l		20.0		108	70-130		
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130		
2,2-Dichloropropane	19.1		µg/l		20.0		95	70-130		
1,1-Dichloropropene	21.7		µg/l		20.0		109	70-130		
cis-1,3-Dichloropropene	22.3		µg/l		20.0		112	70-130		
trans-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
Ethylbenzene	20.9		µg/l		20.0		104	70-130		
Hexachlorobutadiene	19.8		µg/l		20.0		99	70-134		
2-Hexanone (MBK)	23.8		µg/l		20.0		119	70-130		
Isopropylbenzene	17.7		µg/l		20.0		89	70-130		
4-Isopropyltoluene	22.8		µg/l		20.0		114	70-130		
Methyl tert-butyl ether	48.3	QC1	µg/l		20.0		242	70-130		
4-Methyl-2-pentanone (MIBK)	19.9		µg/l		20.0		100	64.8-130		
Methylene chloride	21.3		µg/l		20.0		107	70-130		
Naphthalene	20.9		µg/l		20.0		105	70-130		
n-Propylbenzene	21.5		µg/l		20.0		108	70-130		
Styrene	20.6		µg/l		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	20.5		µg/l		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	22.7		µg/l		20.0		114	70-130		
Tetrachloroethene	20.6		µg/l		20.0		103	70-130		
Toluene	20.0		µg/l		20.0		100	70-130		
1,2,3-Trichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,2,4-Trichlorobenzene	20.3		µg/l		20.0		102	70-130		
1,3,5-Trichlorobenzene	20.5		µg/l		20.0		103	70-130		
1,1,1-Trichloroethane	22.6		µg/l		20.0		113	70-130		
1,1,2-Trichloroethane	22.3		µg/l		20.0		112	70-130		
Trichloroethene	21.2		µg/l		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	25.4		µg/l		20.0		127	70-152		
1,2,3-Trichloropropane	23.8		µg/l		20.0		119	70-130		
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	21.0		µg/l		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Vinyl chloride	20.0		µg/l		20.0		100	70-130		
m,p-Xylene	41.4		µg/l		40.0		104	70-130		
o-Xylene	20.9		µg/l		20.0		104	70-130		
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130		
Ethyl ether	21.0		µg/l		20.0		105	70-133		
Tert-amyl methyl ether	20.3		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	21.1		µg/l		20.0		105	70-130		
Di-isopropyl ether	24.4		µg/l		20.0		122	70-130		
Tert-Butanol / butyl alcohol	207		µg/l		200		104	70-130		
1,4-Dioxane	172		µg/l		200		86	53.1-139		
trans-1,4-Dichloro-2-butene	18.8		µg/l		20.0		94	70-130		
Ethanol	423		µg/l		400		106	70-130		
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.3*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.6*		µg/l		*50.0*		*107*	*70-130*		
LCS Dup (9051555-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/l		20.0		122	70-130	12	25
Acetone	28.5		µg/l		20.0		142	41.6-158	0.5	50
Acrylonitrile	22.9		µg/l		20.0		114	70-130	5	25
Benzene	18.4		µg/l		20.0		92	70-130	9	25
Bromobenzene	18.5		µg/l		20.0		93	70-130	7	25
Bromochloromethane	19.9		µg/l		20.0		99	70-130	11	25
Bromodichloromethane	23.4		µg/l		20.0		117	70-130	11	25
Bromoform	28.7	QC2	µg/l		20.0		144	70-130	3	25
Bromomethane	10.5		µg/l		20.0		52	47-147	4	50
2-Butanone (MEK)	18.3		µg/l		20.0		91	60.9-144	12	50
n-Butylbenzene	20.0		µg/l		20.0		100	70-130	11	25
sec-Butylbenzene	19.6		µg/l		20.0		98	70-130	12	25
tert-Butylbenzene	19.2		µg/l		20.0		96	70-130	11	25
Carbon disulfide	21.7		µg/l		20.0		108	70-130	4	25
Carbon tetrachloride	19.8		µg/l		20.0		99	70-130	12	25
Chlorobenzene	19.2		µg/l		20.0		96	70-130	8	25
Chloroethane	17.3		µg/l		20.0		87	63.6-131	14	50
Chloroform	20.6		µg/l		20.0		103	70-130	10	25
Chloromethane	23.1		µg/l		20.0		115	70-130	13	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	8	25
4-Chlorotoluene	19.4		µg/l		20.0		97	70-130	11	25
1,2-Dibromo-3-chloropropane	21.7		µg/l		20.0		109	70-130	8	25
Dibromochloromethane	28.3		µg/l		20.0		141	58.8-145	7	50
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130	3	25
Dibromomethane	20.6		µg/l		20.0		103	70-130	2	25
1,2-Dichlorobenzene	20.1		µg/l		20.0		101	70-130	9	25
1,3-Dichlorobenzene	18.5		µg/l		20.0		92	70-130	11	25
1,4-Dichlorobenzene	19.4		µg/l		20.0		97	70-130	8	25
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89	56.6-137	13	50
1,1-Dichloroethane	20.3	QR5	µg/l		20.0		102	70-130	81	25
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130	5	25
1,1-Dichloroethene	19.6		µg/l		20.0		98	70-130	14	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS Dup (9051555-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
cis-1,2-Dichloroethene	17.4		µg/l		20.0		87	70-130	25	25
trans-1,2-Dichloroethene	45.8	CAL1, QC2	µg/l		20.0		229	70-130	7	25
1,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	8	25
1,3-Dichloropropane	20.5		µg/l		20.0		102	70-130	5	25
2,2-Dichloropropane	17.0		µg/l		20.0		85	70-130	12	25
1,1-Dichloropropene	19.5		µg/l		20.0		98	70-130	11	25
cis-1,3-Dichloropropene	20.5		µg/l		20.0		103	70-130	8	25
trans-1,3-Dichloropropene	20.1		µg/l		20.0		100	70-130	9	25
Ethylbenzene	18.9		µg/l		20.0		95	70-130	10	25
Hexachlorobutadiene	17.5		µg/l		20.0		87	70-134	12	50
2-Hexanone (MBK)	23.2		µg/l		20.0		116	70-130	2	25
Isopropylbenzene	16.1		µg/l		20.0		80	70-130	10	25
4-Isopropyltoluene	20.5		µg/l		20.0		102	70-130	11	25
Methyl tert-butyl ether	23.7	QR5	µg/l		20.0		118	70-130	68	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/l		20.0		106	64.8-130	6	50
Methylene chloride	19.8		µg/l		20.0		99	70-130	8	25
Naphthalene	20.2		µg/l		20.0		101	70-130	4	25
n-Propylbenzene	19.3		µg/l		20.0		96	70-130	11	25
Styrene	18.7		µg/l		20.0		93	70-130	10	25
1,1,1,2-Tetrachloroethane	19.7		µg/l		20.0		98	70-130	4	25
1,1,2,2-Tetrachloroethane	22.5		µg/l		20.0		112	70-130	1	25
Tetrachloroethene	18.0		µg/l		20.0		90	70-130	13	25
Toluene	18.3		µg/l		20.0		92	70-130	9	25
1,2,3-Trichlorobenzene	19.9		µg/l		20.0		99	70-130	7	25
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94	70-130	8	25
1,3,5-Trichlorobenzene	18.3		µg/l		20.0		91	70-130	12	25
1,1,1-Trichloroethane	20.0		µg/l		20.0		100	70-130	12	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	5	25
Trichloroethene	18.7		µg/l		20.0		94	70-130	12	25
Trichlorofluoromethane (Freon 11)	22.4		µg/l		20.0		112	70-152	13	50
1,2,3-Trichloropropane	24.2		µg/l		20.0		121	70-130	1	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93	70-130	10	25
1,3,5-Trimethylbenzene	18.9		µg/l		20.0		95	70-130	11	25
Vinyl chloride	17.4		µg/l		20.0		87	70-130	14	25
m,p-Xylene	38.4		µg/l		40.0		96	70-130	8	25
o-Xylene	19.4		µg/l		20.0		97	70-130	8	25
Tetrahydrofuran	20.8		µg/l		20.0		104	70-130	0.4	25
Ethyl ether	19.9		µg/l		20.0		99	70-133	6	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	6	25
Ethyl tert-butyl ether	20.1		µg/l		20.0		101	70-130	5	25
Di-isopropyl ether	17.2	QR2	µg/l		20.0		86	70-130	34	25
Tert-Butanol / butyl alcohol	219		µg/l		200		109	70-130	5	25
1,4-Dioxane	167		µg/l		200		83	53.1-139	3	25
trans-1,4-Dichloro-2-butene	19.0		µg/l		20.0		95	70-130	1	25
Ethanol	426		µg/l		400		106	70-130	0.5	30
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/l		*50.0*		*107*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Matrix Spike (9051555-MS1) **Source: SA95046-01**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Benzene	16.6		µg/l		20.0	BRL	83	70-130		
Chlorobenzene	18.4		µg/l		20.0	BRL	92	70-130		
1,1-Dichloroethene	17.5		µg/l		20.0	BRL	88	70-130		
Toluene	29.0		µg/l		20.0	11.8	86	70-130		
Trichloroethene	18.3		µg/l		20.0	BRL	92	70-130		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.7*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*54.3*		µg/l		*50.0*		*109*	*70-130*		
Matrix Spike Dup (9051555-MSD1) **Source: SA95046-01**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Benzene	16.6		µg/l		20.0	BRL	83	70-130	0.4	30
Chlorobenzene	18.0		µg/l		20.0	BRL	90	70-130	3	30
1,1-Dichloroethene	16.8		µg/l		20.0	BRL	84	70-130	5	30
Toluene	27.5		µg/l		20.0	11.8	78	70-130	9	30
Trichloroethene	18.5		µg/l		20.0	BRL	93	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/kg wet		20.0		112	70-130		
Acetone	14.2		µg/kg wet		20.0		71	40-193		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	17.1		µg/kg wet		20.0		85	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.8		µg/kg wet		20.0		114	70-130		
Bromomethane	15.4		µg/kg wet		20.0		77	62.9-131		
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	47-163		
n-Butylbenzene	16.9		µg/kg wet		20.0		84	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130		
Carbon tetrachloride	18.3		µg/kg wet		20.0		91	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Chloroethane	14.4		µg/kg wet		20.0		72	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	12.5	QC2	µg/kg wet		20.0		62	70-130		
2-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/kg wet		20.0		81	62.6-136		
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130		
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	17.7		µg/kg wet		20.0		88	70-130		
2-Hexanone (MBK)	13.4	QC1	µg/kg wet		20.0		67	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
4-Methyl-2-pentanone (MIBK)	20.2		µg/kg wet		20.0		101	70-130		
Methylene chloride	17.4		µg/kg wet		20.0		87	70-130		
Naphthalene	17.2		µg/kg wet		20.0		86	70-130		
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	22.8		µg/kg wet		20.0		114	70-130		
Toluene	18.4		µg/kg wet		20.0		92	70-130		
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	70-140		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	21.1		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Vinyl chloride	15.4		µg/kg wet		20.0		77	70-130		
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130		
o-Xylene	22.3		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	12.7	QC2	µg/kg wet		20.0		64	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		92	70-132		
Tert-amyl methyl ether	14.7		µg/kg wet		20.0		73	70-130		
Ethyl tert-butyl ether	15.6		µg/kg wet		20.0		78	70-130		
Di-isopropyl ether	13.6	QC1	µg/kg wet		20.0		68	70-130		
Tert-Butanol / butyl alcohol	147		µg/kg wet		200		74	70-130		
1,4-Dioxane	165		µg/kg wet		200		82	59.1-148		
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130		
Ethanol	227	QC2	µg/kg wet		400		57	70-130		
Surrogate: 4-Bromofluorobenzene	*55.1*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.3*		µg/kg wet		*50.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/kg wet		20.0		118	70-130	6	25
Acetone	12.7		µg/kg wet		20.0		63	40-193	11	50
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130	11	25
Benzene	18.1		µg/kg wet		20.0		90	70-130	6	25
Bromobenzene	24.2		µg/kg wet		20.0		121	70-130	7	25
Bromochloromethane	21.3		µg/kg wet		20.0		107	70-130	5	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	3	25
Bromomethane	16.4		µg/kg wet		20.0		82	62.9-131	6	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	47-163	11	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	7	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	8	25
tert-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	6	25
Carbon tetrachloride	19.9		µg/kg wet		20.0		100	70-130	9	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	4	25
Chloroethane	15.5		µg/kg wet		20.0		78	64.2-130	7	50
Chloroform	18.3		µg/kg wet		20.0		92	70-130	3	25
Chloromethane	13.5	QC2	µg/kg wet		20.0		68	70-130	8	25
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	9	25
4-Chlorotoluene	22.7		µg/kg wet		20.0		113	70-130	7	25
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130	2	25
Dibromochloromethane	20.7		µg/kg wet		20.0		103	70-130	0.7	50
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130	4	25
Dibromomethane	18.9		µg/kg wet		20.0		94	70-130	2	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichlorobenzene	24.5		µg/kg wet		20.0		122	70-130	8	25
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	6	25
Dichlorodifluoromethane (Freon12)	17.3		µg/kg wet		20.0		87	62.6-136	6	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	3	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85	70-130	2	25
1,1-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130	7	25
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130	7	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	2	25
2,2-Dichloropropane	19.3		µg/kg wet		20.0		97	70-130	4	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	6	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	2	25
trans-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	4	25
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130	6	25
Hexachlorobutadiene	19.3		µg/kg wet		20.0		97	70-130	9	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	6	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	5	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	70-130	0.8	50
Methylene chloride	17.9		µg/kg wet		20.0		90	70-130	3	25
Naphthalene	17.4		µg/kg wet		20.0		87	70-130	1	25
n-Propylbenzene	22.5		µg/kg wet		20.0		113	70-130	7	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	5	25
1,1,1,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130	2	25
1,1,2,2-Tetrachloroethane	22.6		µg/kg wet		20.0		113	70-130	4	25
Tetrachloroethene	23.9		µg/kg wet		20.0		119	70-130	5	25
Toluene	19.3		µg/kg wet		20.0		96	70-130	5	25
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	6	25
1,2,4-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130	4	25
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		101	70-130	1	25
Trichloroethene	20.3		µg/kg wet		20.0		101	70-130	6	25
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	70-140	6	50
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130	4	25
1,2,4-Trimethylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	7	25
Vinyl chloride	16.7		µg/kg wet		20.0		84	70-130	8	25
m,p-Xylene	45.8		µg/kg wet		40.0		114	70-130	6	25
o-Xylene	23.4		µg/kg wet		20.0		117	70-130	5	25
Tetrahydrofuran	13.6	QC2	µg/kg wet		20.0		68	70-130	6	25
Ethyl ether	18.3		µg/kg wet		20.0		91	70-132	1	50
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		80	70-130	8	25
Ethyl tert-butyl ether	16.1		µg/kg wet		20.0		80	70-130	3	25
Di-isopropyl ether	13.9		µg/kg wet		20.0		70	70-130	2	25
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130	10	25
1,4-Dioxane	171		µg/kg wet		200		86	59.1-148	4	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	0.2	25
Ethanol	230	QC2	µg/kg wet		400		57	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
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	*27.3*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/kg wet		*30.0*		*109*	*70-130*		
LCS (9051624-BS1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.6	QC2	µg/kg wet		20.0		148	70-130		
Acetone	25.3		µg/kg wet		20.0		127	40-193		
Acrylonitrile	22.9		µg/kg wet		20.0		114	70-130		
Benzene	23.1		µg/kg wet		20.0		116	70-130		
Bromobenzene	20.1		µg/kg wet		20.0		101	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	19.7		µg/kg wet		20.0		98	70-130		
Bromoform	16.0		µg/kg wet		20.0		80	70-130		
Bromomethane	19.7		µg/kg wet		20.0		98	62.9-131		
2-Butanone (MEK)	23.4		µg/kg wet		20.0		117	47-163		
n-Butylbenzene	24.3		µg/kg wet		20.0		121	70-130		
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Carbon disulfide	24.6		µg/kg wet		20.0		123	70-130		
Carbon tetrachloride	19.3		µg/kg wet		20.0		96	70-130		
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
Chloroethane	22.1		µg/kg wet		20.0		110	64.2-130		
Chloroform	21.6		µg/kg wet		20.0		108	70-130		
Chloromethane	22.2		µg/kg wet		20.0		111	70-130		
2-Chlorotoluene	22.8		µg/kg wet		20.0		114	70-130		
4-Chlorotoluene	22.5		µg/kg wet		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	16.9		µg/kg wet		20.0		84	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	22.1		µg/kg wet		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	20.7		µg/kg wet		20.0		104	62.6-136		
1,1-Dichloroethane	23.0		µg/kg wet		20.0		115	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		103	70-130		
1,1-Dichloroethene	23.7		µg/kg wet		20.0		118	70-130		
cis-1,2-Dichloroethene	23.2		µg/kg wet		20.0		116	70-130		
trans-1,2-Dichloroethene	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dichloropropane	24.0		µg/kg wet		20.0		120	70-130		
1,3-Dichloropropane	22.1		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	22.1		µg/kg wet		20.0		111	70-130		
1,1-Dichloropropene	23.4		µg/kg wet		20.0		117	70-130		
cis-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99	70-130		
trans-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS (9051624-BS1)										
Prepared & Analyzed: 22-May-09										
Ethylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	70-130		
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130		
Isopropylbenzene	19.0		µg/kg wet		20.0		95	70-130		
4-Isopropyltoluene	24.1		µg/kg wet		20.0		121	70-130		
Methyl tert-butyl ether	22.6		µg/kg wet		20.0		113	70-130		
4-Methyl-2-pentanone (MIBK)	21.2		µg/kg wet		20.0		106	70-130		
Methylene chloride	20.4		µg/kg wet		20.0		102	70-130		
Naphthalene	19.5		µg/kg wet		20.0		97	70-130		
n-Propylbenzene	23.5		µg/kg wet		20.0		118	70-130		
Styrene	23.4		µg/kg wet		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2,2-Tetrachloroethane	29.0	QC2	µg/kg wet		20.0		145	70-130		
Tetrachloroethene	20.5		µg/kg wet		20.0		102	70-130		
Toluene	21.2		µg/kg wet		20.0		106	70-130		
1,2,3-Trichlorobenzene	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3,5-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2-Trichloroethane	23.8		µg/kg wet		20.0		119	70-130		
Trichloroethene	20.9		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	24.0		µg/kg wet		20.0		120	70-140		
1,2,3-Trichloropropane	27.3	QC1	µg/kg wet		20.0		136	70-130		
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Vinyl chloride	19.5		µg/kg wet		20.0		98	70-130		
m,p-Xylene	46.2		µg/kg wet		40.0		116	70-130		
o-Xylene	22.3		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	24.1		µg/kg wet		20.0		120	70-130		
Ethyl ether	22.4		µg/kg wet		20.0		112	70-132		
Tert-amyl methyl ether	21.1		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	23.2		µg/kg wet		20.0		116	70-130		
Di-isopropyl ether	22.3		µg/kg wet		20.0		112	70-130		
Tert-Butanol / butyl alcohol	212		µg/kg wet		200		106	70-130		
1,4-Dioxane	241		µg/kg wet		200		120	59.1-148		
trans-1,4-Dichloro-2-butene	18.2		µg/kg wet		20.0		91	70-130		
Ethanol	543	QC2	µg/kg wet		400		136	70-130		
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*33.0*		µg/kg wet		*30.0*		*110*	*70-130*		
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.8	QC2	µg/kg wet		20.0		139	70-130	6	25
Acetone	29.2		µg/kg wet		20.0		146	40-193	14	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	12	25
Benzene	21.7		µg/kg wet		20.0		108	70-130	6	25
Bromobenzene	20.1		µg/kg wet		20.0		100	70-130	0.3	25
Bromochloromethane	20.1		µg/kg wet		20.0		101	70-130	4	25
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130	6	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
Bromoform	15.6		µg/kg wet		20.0		78	70-130	2	25
Bromomethane	18.9		µg/kg wet		20.0		94	62.9-131	4	50
2-Butanone (MEK)	20.8		µg/kg wet		20.0		104	47-163	12	50
n-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	5	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	5	25
tert-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130	6	25
Carbon disulfide	19.6		µg/kg wet		20.0		98	70-130	23	25
Carbon tetrachloride	18.5		µg/kg wet		20.0		92	70-130	4	25
Chlorobenzene	20.5		µg/kg wet		20.0		103	70-130	6	25
Chloroethane	20.2		µg/kg wet		20.0		101	64.2-130	9	50
Chloroform	20.1		µg/kg wet		20.0		101	70-130	7	25
Chloromethane	20.0		µg/kg wet		20.0		100	70-130	10	25
2-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	6	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	6	25
1,2-Dibromo-3-chloropropane	19.2		µg/kg wet		20.0		96	70-130	4	25
Dibromochloromethane	16.2		µg/kg wet		20.0		81	70-130	4	50
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98	70-130	3	25
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130	7	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		109	70-130	3	25
1,3-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	4	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		97	62.6-136	7	50
1,1-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130	9	25
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130	7	25
1,1-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130	5	25
cis-1,2-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130	4	25
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	9	25
1,2-Dichloropropane	22.4		µg/kg wet		20.0		112	70-130	7	25
1,3-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	5	25
2,2-Dichloropropane	20.3		µg/kg wet		20.0		101	70-130	9	25
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	7	25
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130	7	25
trans-1,3-Dichloropropene	16.9		µg/kg wet		20.0		84	70-130	6	25
Ethylbenzene	21.8		µg/kg wet		20.0		109	70-130	6	25
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	70-130	0.3	50
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130	0.3	25
Isopropylbenzene	18.2		µg/kg wet		20.0		91	70-130	4	25
4-Isopropyltoluene	22.8		µg/kg wet		20.0		114	70-130	6	25
Methyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	5	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/kg wet		20.0		105	70-130	0.8	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	7	25
Naphthalene	18.8		µg/kg wet		20.0		94	70-130	4	25
n-Propylbenzene	22.1		µg/kg wet		20.0		110	70-130	6	25
Styrene	22.3		µg/kg wet		20.0		112	70-130	5	25
1,1,1,2-Tetrachloroethane	17.3		µg/kg wet		20.0		87	70-130	9	25
1,1,2,2-Tetrachloroethane	27.8	QC2	µg/kg wet		20.0		139	70-130	4	25
Tetrachloroethene	19.1		µg/kg wet		20.0		96	70-130	7	25
Toluene	20.0		µg/kg wet		20.0		100	70-130	6	25
1,2,3-Trichlorobenzene	24.0		µg/kg wet		20.0		120	70-130	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
1,2,4-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	4	25
1,3,5-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		94	70-130	9	25
1,1,2-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130	6	25
Trichloroethene	19.6		µg/kg wet		20.0		98	70-130	6	25
Trichlorofluoromethane (Freon 11)	22.6		µg/kg wet		20.0		113	70-140	6	50
1,2,3-Trichloropropane	25.9		µg/kg wet		20.0		130	70-130	5	25
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	5	25
Vinyl chloride	19.7		µg/kg wet		20.0		98	70-130	0.8	25
m,p-Xylene	43.8		µg/kg wet		40.0		110	70-130	5	25
o-Xylene	21.5		µg/kg wet		20.0		107	70-130	4	25
Tetrahydrofuran	22.5		µg/kg wet		20.0		113	70-130	7	25
Ethyl ether	20.9		µg/kg wet		20.0		105	70-132	7	50
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		98	70-130	8	25
Ethyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130	6	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	8	25
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130	4	25
1,4-Dioxane	239		µg/kg wet		200		120	59.1-148	0.6	25
trans-1,4-Dichloro-2-butene	16.4		µg/kg wet		20.0		82	70-130	11	25
Ethanol	0.0	QC2	µg/kg wet		400			70-130		30
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.5*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*33.4*		µg/kg wet		*30.0*		*111*	*70-130*		
Matrix Spike (9051624-MS1)	**Source: SA94968-12**									
Prepared & Analyzed: 22-May-09										
Benzene	15.2		µg/kg dry		20.0	BRL	76	70-130		
Chlorobenzene	18.2		µg/kg dry		20.0	BRL	91	70-130		
1,1-Dichloroethene	11.1	QM7	µg/kg dry		20.0	BRL	56	70-130		
Toluene	23.7		µg/kg dry		20.0	BRL	118	70-130		
Trichloroethene	14.8		µg/kg dry		20.0	BRL	74	70-130		
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.8*		µg/kg dry		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*32.6*		µg/kg dry		*30.0*		*109*	*70-130*		
Matrix Spike Dup (9051624-MSD1)	**Source: SA94968-12**									
Prepared & Analyzed: 22-May-09										
Benzene	14.4		µg/kg dry		20.0	BRL	72	70-130	5	30
Chlorobenzene	17.0		µg/kg dry		20.0	BRL	85	70-130	6	30
1,1-Dichloroethene	10.6	QM7	µg/kg dry		20.0	BRL	53	70-130	5	30
Toluene	15.7	QR5	µg/kg dry		20.0	BRL	78	70-130	41	30
Trichloroethene	13.4	QM7	µg/kg dry		20.0	BRL	67	70-130	10	30
Surrogate: 4-Bromofluorobenzene	*28.3*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*32.4*		µg/kg dry		*30.0*		*108*	*70-130*		
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.0	QC1	µg/kg wet		20.0		135	70-130		
Acetone	21.3		µg/kg wet		20.0		106	40-193		
Acrylonitrile	19.9		µg/kg wet		20.0		99	70-130		
Benzene	23.0		µg/kg wet		20.0		115	70-130		
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130		
Bromochloromethane	19.5		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	18.7		µg/kg wet		20.0		94	70-130		
Bromoform	14.2		µg/kg wet		20.0		71	70-130		
Bromomethane	18.4		µg/kg wet		20.0		92	62.9-131		
2-Butanone (MEK)	20.0		µg/kg wet		20.0		100	47-163		
n-Butylbenzene	24.9		µg/kg wet		20.0		125	70-130		
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130		
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Carbon disulfide	22.9		µg/kg wet		20.0		114	70-130		
Carbon tetrachloride	18.0		µg/kg wet		20.0		90	70-130		
Chlorobenzene	21.2		µg/kg wet		20.0		106	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
Chloroethane	20.2		µg/kg wet		20.0		101	64.2-130		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		
Chloromethane	19.4		µg/kg wet		20.0		97	70-130		
2-Chlorotoluene	23.3		µg/kg wet		20.0		116	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81	70-130		
Dibromochloromethane	16.0		µg/kg wet		20.0		80	70-130		
1,2-Dibromoethane (EDB)	19.2		µg/kg wet		20.0		96	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	23.3		µg/kg wet		20.0		116	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
1,4-Dichlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
Dichlorodifluoromethane (Freon12)	18.3		µg/kg wet		20.0		91	62.6-136		
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130		
cis-1,2-Dichloroethene	21.9		µg/kg wet		20.0		110	70-130		
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	23.8		µg/kg wet		20.0		119	70-130		
1,3-Dichloropropane	21.1		µg/kg wet		20.0		105	70-130		
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloropropene	23.3		µg/kg wet		20.0		116	70-130		
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,3-Dichloropropene	16.5		µg/kg wet		20.0		82	70-130		
Ethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-130		
2-Hexanone (MBK)	19.5		µg/kg wet		20.0		98	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	24.5		µg/kg wet		20.0		123	70-130		
Methyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	20.0		µg/kg wet		20.0		100	70-130		
Methylene chloride	18.5		µg/kg wet		20.0		93	70-130		
Naphthalene	18.4		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Styrene	23.3		µg/kg wet		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,1,2,2-Tetrachloroethane	25.9		µg/kg wet		20.0		130	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		101	70-130		
Toluene	20.9		µg/kg wet		20.0		105	70-130		
1,2,3-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3,5-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	22.6		µg/kg wet		20.0		113	70-130		
Trichloroethene	21.0		µg/kg wet		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	21.8		µg/kg wet		20.0		109	70-140		
1,2,3-Trichloropropane	24.9		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		
m,p-Xylene	45.6		µg/kg wet		40.0		114	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	21.6		µg/kg wet		20.0		108	70-130		
Ethyl ether	20.2		µg/kg wet		20.0		101	70-132		
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130		
Ethyl tert-butyl ether	22.3		µg/kg wet		20.0		111	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130		
1,4-Dioxane	203		µg/kg wet		200		102	59.1-148		
trans-1,4-Dichloro-2-butene	16.6		µg/kg wet		20.0		83	70-130		
Ethanol	432		µg/kg wet		400		108	70-130		
Surrogate: 4-Bromofluorobenzene	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS Dup (9051803-BSD1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.9		µg/kg wet		20.0		129	70-130	4	25
Acetone	21.0		µg/kg wet		20.0		105	40-193	1	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	2	25
Benzene	22.3		µg/kg wet		20.0		111	70-130	3	25
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130	3	25
Bromochloromethane	18.7		µg/kg wet		20.0		94	70-130	4	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	0.4	25
Bromoform	14.2		µg/kg wet		20.0		71	70-130	0.5	25
Bromomethane	17.7		µg/kg wet		20.0		88	62.9-131	4	50
2-Butanone (MEK)	19.6		µg/kg wet		20.0		98	47-163	2	50
n-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130	9	25
sec-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	5	25
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	3	25
Carbon disulfide	21.8		µg/kg wet		20.0		109	70-130	5	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130	3	25
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Chloroethane	20.3		µg/kg wet		20.0		101	64.2-130	0.3	50
Chloroform	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloromethane	19.0		µg/kg wet		20.0		95	70-130	2	25
2-Chlorotoluene	22.5		µg/kg wet		20.0		112	70-130	3	25
4-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	2	25
1,2-Dibromo-3-chloropropane	16.8		µg/kg wet		20.0		84	70-130	4	25
Dibromochloromethane	16.0		µg/kg wet		20.0		80	70-130	0.5	50
1,2-Dibromoethane (EDB)	19.5		µg/kg wet		20.0		98	70-130	2	25
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130	0	25
1,2-Dichlorobenzene	22.5		µg/kg wet		20.0		113	70-130	3	25
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	3	25
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	6	25
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	62.6-136	3	50
1,1-Dichloroethane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,2-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130	1	25
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS Dup (9051803-BSD1)										
Prepared & Analyzed: 26-May-09										
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130	3	25
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2-Dichloropropane	23.0		µg/kg wet		20.0		115	70-130	3	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.3	25
2,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	4	25
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130	6	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	0.4	25
trans-1,3-Dichloropropene	17.3		µg/kg wet		20.0		87	70-130	5	25
Ethylbenzene	22.1		µg/kg wet		20.0		111	70-130	2	25
Hexachlorobutadiene	16.8		µg/kg wet		20.0		84	70-130	20	50
2-Hexanone (MBK)	20.3		µg/kg wet		20.0		101	70-130	4	25
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130	3	25
4-Isopropyltoluene	23.3		µg/kg wet		20.0		116	70-130	5	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.5		µg/kg wet		20.0		103	70-130	3	50
Methylene chloride	18.8		µg/kg wet		20.0		94	70-130	2	25
Naphthalene	17.9		µg/kg wet		20.0		90	70-130	3	25
n-Propylbenzene	21.5		µg/kg wet		20.0		108	70-130	4	25
Styrene	22.5		µg/kg wet		20.0		113	70-130	3	25
1,1,1,2-Tetrachloroethane	16.6		µg/kg wet		20.0		83	70-130	5	25
1,1,2,2-Tetrachloroethane	25.8		µg/kg wet		20.0		129	70-130	0.3	25
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130	3	25
Toluene	20.5		µg/kg wet		20.0		103	70-130	2	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	10	25
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	6	25
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	8	25
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130	1	25
1,1,2-Trichloroethane	22.3		µg/kg wet		20.0		111	70-130	2	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	5	25
Trichlorofluoromethane (Freon 11)	21.0		µg/kg wet		20.0		105	70-140	4	50
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		125	70-130	0.9	25
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130	3	25
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	3	25
Vinyl chloride	14.6		µg/kg wet		20.0		73	70-130	13	25
m,p-Xylene	44.2		µg/kg wet		40.0		111	70-130	3	25
o-Xylene	21.7		µg/kg wet		20.0		108	70-130	0.6	25
Tetrahydrofuran	22.9		µg/kg wet		20.0		115	70-130	6	25
Ethyl ether	20.4		µg/kg wet		20.0		102	70-132	1	50
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130	2	25
Ethyl tert-butyl ether	22.3		µg/kg wet		20.0		112	70-130	0.3	25
Di-isopropyl ether	20.7		µg/kg wet		20.0		103	70-130	0.9	25
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94	70-130	5	25
1,4-Dioxane	255		µg/kg wet		200		127	59.1-148	23	25
trans-1,4-Dichloro-2-butene	18.4		µg/kg wet		20.0		92	70-130	10	25
Ethanol	420		µg/kg wet		400		105	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Matrix Spike (9051803-MS1) **Source: SA95070-03**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzene	23.8		µg/kg dry		20.0	1.1	113	70-130		
Chlorobenzene	22.8		µg/kg dry		20.0	BRL	114	70-130		
1,1-Dichloroethene	21.1		µg/kg dry		20.0	BRL	105	70-130		
Toluene	25.7		µg/kg dry		20.0	2.8	114	70-130		
Trichloroethene	21.0		µg/kg dry		20.0	BRL	105	70-130		
Surrogate: 4-Bromofluorobenzene	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/kg dry		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Matrix Spike Dup (9051803-MSD1) **Source: SA95070-03**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzene	23.2		µg/kg dry		20.0	1.1	111	70-130	2	30
Chlorobenzene	22.7		µg/kg dry		20.0	BRL	114	70-130	0.5	30
1,1-Dichloroethene	19.8		µg/kg dry		20.0	BRL	99	70-130	6	30
Toluene	23.8		µg/kg dry		20.0	2.8	105	70-130	9	30
Trichloroethene	20.3		µg/kg dry		20.0	BRL	102	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*28.5*		µg/kg dry		*30.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg dry		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*21.4*		µg/kg wet		*30.0*		*71*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/kg wet		*30.0*		*80*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.3	QC1	µg/kg wet		20.0		146	70-130		
Acetone	12.3		µg/kg wet		20.0		62	40-193		
Acrylonitrile	17.5		µg/kg wet		20.0		87	70-130		
Benzene	21.6		µg/kg wet		20.0		108	70-130		
Bromobenzene	22.9		µg/kg wet		20.0		114	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.3		µg/kg wet		20.0		97	70-130		
Bromoform	24.0		µg/kg wet		20.0		120	70-130		
Bromomethane	17.4		µg/kg wet		20.0		87	62.9-131		
2-Butanone (MEK)	16.1		µg/kg wet		20.0		80	47-163		
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	27.1	QC1	µg/kg wet		20.0		135	70-130		
tert-Butylbenzene	25.6		µg/kg wet		20.0		128	70-130		
Carbon disulfide	21.6		µg/kg wet		20.0		108	70-130		
Carbon tetrachloride	20.9		µg/kg wet		20.0		104	70-130		
Chlorobenzene	23.5		µg/kg wet		20.0		118	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	17.2		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	34.1	QC1	µg/kg wet		20.0		170	70-130		
4-Chlorotoluene	25.3		µg/kg wet		20.0		127	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	15.9		µg/kg wet		20.0		79	70-130		
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	24.0		µg/kg wet		20.0		120	70-130		
1,3-Dichlorobenzene	26.2	QC1	µg/kg wet		20.0		131	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	62.6-136		
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichloroethane	17.3		µg/kg wet		20.0		87	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130		
1,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichloropropane	16.9		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	24.6		µg/kg wet		20.0		123	70-130		
cis-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	23.8		µg/kg wet		20.0		119	70-130		
Hexachlorobutadiene	24.0		µg/kg wet		20.0		120	70-130		
2-Hexanone (MBK)	17.1		µg/kg wet		20.0		86	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
Isopropylbenzene	22.8		µg/kg wet		20.0		114	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130		
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	70-130		
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130		
Naphthalene	17.1		µg/kg wet		20.0		85	70-130		
n-Propylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/kg wet		20.0		123	70-130		
1,1,2,2-Tetrachloroethane	23.9		µg/kg wet		20.0		120	70-130		
Tetrachloroethene	18.9		µg/kg wet		20.0		94	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	23.2		µg/kg wet		20.0		116	70-130		
Trichlorofluoromethane (Freon 11)	25.8		µg/kg wet		20.0		129	70-140		
1,2,3-Trichloropropane	25.7		µg/kg wet		20.0		128	70-130		
1,2,4-Trimethylbenzene	23.6		µg/kg wet		20.0		118	70-130		
1,3,5-Trimethylbenzene	23.7		µg/kg wet		20.0		119	70-130		
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130		
m,p-Xylene	51.6		µg/kg wet		40.0		129	70-130		
o-Xylene	27.0	QC1	µg/kg wet		20.0		135	70-130		
Tetrahydrofuran	18.0		µg/kg wet		20.0		90	70-130		
Ethyl ether	17.8		µg/kg wet		20.0		89	70-132		
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130		
Di-isopropyl ether	16.7		µg/kg wet		20.0		83	70-130		
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130		
1,4-Dioxane	257		µg/kg wet		200		128	59.1-148		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		102	70-130		
Ethanol	372		µg/kg wet		400		93	70-130		
Surrogate: 4-Bromofluorobenzene	*34.1*		µg/kg wet		*30.0*		*114*	*70-130*		
Surrogate: Toluene-d8	*23.5*		µg/kg wet		*30.0*		*78*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg wet		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.9*		µg/kg wet		*30.0*		*80*	*70-130*		
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.9		µg/kg wet		20.0		129	70-130	12	25
Acetone	12.1		µg/kg wet		20.0		61	40-193	2	50
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130	5	25
Benzene	19.2		µg/kg wet		20.0		96	70-130	11	25
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130	6	25
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130	4	25
Bromodichloromethane	18.1		µg/kg wet		20.0		91	70-130	6	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	2	25
Bromomethane	14.8		µg/kg wet		20.0		74	62.9-131	17	50
2-Butanone (MEK)	16.5		µg/kg wet		20.0		83	47-163	3	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
sec-Butylbenzene	24.4		µg/kg wet		20.0		122	70-130	11	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	14	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	14	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90	70-130	14	25
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130	9	25
Chloroethane	15.4		µg/kg wet		20.0		77	64.2-130	14	50
Chloroform	16.0		µg/kg wet		20.0		80	70-130	11	25
Chloromethane	14.8		µg/kg wet		20.0		74	70-130	15	25
2-Chlorotoluene	23.5	QR5	µg/kg wet		20.0		117	70-130	37	25
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	12	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	0.8	25
Dibromochloromethane	15.6		µg/kg wet		20.0		78	70-130	1	50
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		85	70-130	0.6	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	9	25
1,3-Dichlorobenzene	24.8		µg/kg wet		20.0		124	70-130	6	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	8	25
Dichlorodifluoromethane (Freon12)	19.4		µg/kg wet		20.0		97	62.6-136	15	50
1,1-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130	11	25
1,2-Dichloroethane	16.7		µg/kg wet		20.0		84	70-130	4	25
1,1-Dichloroethene	18.0		µg/kg wet		20.0		90	70-130	16	25
cis-1,2-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130	10	25
trans-1,2-Dichloroethene	15.6		µg/kg wet		20.0		78	70-130	10	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	8	25
1,3-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	2	25
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	12	25
1,1-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	13	25
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	3	25
trans-1,3-Dichloropropene	15.7		µg/kg wet		20.0		79	70-130	3	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	13	25
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-130	11	50
2-Hexanone (MBK)	19.2		µg/kg wet		20.0		96	70-130	12	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	13	25
4-Isopropyltoluene	18.3		µg/kg wet		20.0		92	70-130	11	25
Methyl tert-butyl ether	17.2		µg/kg wet		20.0		86	70-130	1	25
4-Methyl-2-pentanone (MIBK)	19.7		µg/kg wet		20.0		99	70-130	11	50
Methylene chloride	15.8		µg/kg wet		20.0		79	70-130	7	25
Naphthalene	19.5		µg/kg wet		20.0		98	70-130	13	25
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130	10	25
Styrene	20.3		µg/kg wet		20.0		101	70-130	9	25
1,1,1,2-Tetrachloroethane	23.5		µg/kg wet		20.0		118	70-130	4	25
1,1,2,2-Tetrachloroethane	24.3		µg/kg wet		20.0		121	70-130	1	25
Tetrachloroethene	16.3		µg/kg wet		20.0		82	70-130	14	25
Toluene	15.6		µg/kg wet		20.0		78	70-130	11	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
1,2,4-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,3,5-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	9	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	12	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
Trichloroethene	20.3		µg/kg wet		20.0		102	70-130	13	25
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	70-140	16	50
1,2,3-Trichloropropane	25.9		µg/kg wet		20.0		130	70-130	1	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	9	25
Vinyl chloride	17.9		µg/kg wet		20.0		90	70-130	15	25
m,p-Xylene	45.9		µg/kg wet		40.0		115	70-130	12	25
o-Xylene	24.1		µg/kg wet		20.0		121	70-130	11	25
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130	4	25
Ethyl ether	17.0		µg/kg wet		20.0		85	70-132	5	50
Tert-amyl methyl ether	20.0		µg/kg wet		20.0		100	70-130	2	25
Ethyl tert-butyl ether	17.1		µg/kg wet		20.0		86	70-130	0.8	25
Di-isopropyl ether	15.9		µg/kg wet		20.0		79	70-130	5	25
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		81	70-130	3	25
1,4-Dioxane	256		µg/kg wet		200		128	59.1-148	0.2	25
trans-1,4-Dichloro-2-butene	21.5		µg/kg wet		20.0		108	70-130	6	25
Ethanol	353		µg/kg wet		400		88	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*33.5*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
Matrix Spike (9051889-MS1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	21.3		µg/kg dry		20.0	BRL	106	70-130		
Chlorobenzene	24.0		µg/kg dry		20.0	BRL	120	70-130		
1,1-Dichloroethene	18.5		µg/kg dry		20.0	BRL	92	70-130		
Toluene	17.4		µg/kg dry		20.0	BRL	87	70-130		
Trichloroethene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Surrogate: 4-Bromofluorobenzene	*33.6*		µg/kg dry		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.5*		µg/kg dry		*30.0*		*78*	*70-130*		
Matrix Spike Dup (9051889-MSD1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	20.9		µg/kg dry		20.0	BRL	104	70-130	2	30
Chlorobenzene	23.2		µg/kg dry		20.0	BRL	116	70-130	4	30
1,1-Dichloroethene	18.2		µg/kg dry		20.0	BRL	91	70-130	2	30
Toluene	17.1		µg/kg dry		20.0	BRL	85	70-130	2	30
Trichloroethene	22.3		µg/kg dry		20.0	BRL	111	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	*33.8*		µg/kg dry		*30.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.6*		µg/kg dry		*30.0*		*79*	*70-130*		
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*45.3*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*47.9*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.2		µg/l		20.0		126	70-130		
Acetone	20.6		µg/l		20.0		103	41.6-158		
Acrylonitrile	21.2		µg/l		20.0		106	70-130		
Benzene	19.5		µg/l		20.0		98	70-130		
Bromobenzene	21.2		µg/l		20.0		106	70-130		
Bromochloromethane	20.5		µg/l		20.0		102	70-130		
Bromodichloromethane	21.5		µg/l		20.0		107	70-130		
Bromoform	17.9		µg/l		20.0		89	70-130		
Bromomethane	18.1		µg/l		20.0		91	47-147		
2-Butanone (MEK)	22.1		µg/l		20.0		111	60.9-144		
n-Butylbenzene	20.6		µg/l		20.0		103	70-130		
sec-Butylbenzene	22.0		µg/l		20.0		110	70-130		
tert-Butylbenzene	21.3		µg/l		20.0		106	70-130		
Carbon disulfide	23.4		µg/l		20.0		117	70-130		
Carbon tetrachloride	21.8		µg/l		20.0		109	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	21.2		µg/l		20.0		106	63.6-131		
Chloroform	20.8		µg/l		20.0		104	70-130		
Chloromethane	19.5		µg/l		20.0		97	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
2-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
4-Chlorotoluene	21.7		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	17.0		µg/l		20.0		85	70-130		
Dibromochloromethane	17.1		µg/l		20.0		86	58.8-145		
1,2-Dibromoethane (EDB)	21.3		µg/l		20.0		106	70-130		
Dibromomethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		
1,3-Dichlorobenzene	23.4		µg/l		20.0		117	70-130		
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89	56.6-137		
1,1-Dichloroethane	21.1		µg/l		20.0		106	70-130		
1,2-Dichloroethane	19.5		µg/l		20.0		97	70-130		
1,1-Dichloroethene	21.8		µg/l		20.0		109	70-130		
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
1,2-Dichloropropane	20.1		µg/l		20.0		101	70-130		
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130		
2,2-Dichloropropane	24.3		µg/l		20.0		121	70-130		
1,1-Dichloropropene	21.4		µg/l		20.0		107	70-130		
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130		
trans-1,3-Dichloropropene	17.8		µg/l		20.0		89	70-130		
Ethylbenzene	20.9		µg/l		20.0		104	70-130		
Hexachlorobutadiene	21.8		µg/l		20.0		109	70-134		
2-Hexanone (MBK)	18.6		µg/l		20.0		93	70-130		
Isopropylbenzene	19.4		µg/l		20.0		97	70-130		
4-Isopropyltoluene	21.2		µg/l		20.0		106	70-130		
Methyl tert-butyl ether	21.3		µg/l		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98	64.8-130		
Methylene chloride	20.5		µg/l		20.0		102	70-130		
Naphthalene	16.5		µg/l		20.0		82	70-130		
n-Propylbenzene	21.0		µg/l		20.0		105	70-130		
Styrene	19.7		µg/l		20.0		99	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/l		20.0		109	70-130		
Tetrachloroethene	21.8		µg/l		20.0		109	70-130		
Toluene	20.8		µg/l		20.0		104	70-130		
1,2,3-Trichlorobenzene	18.4		µg/l		20.0		92	70-130		
1,2,4-Trichlorobenzene	17.8		µg/l		20.0		89	70-130		
1,3,5-Trichlorobenzene	18.5		µg/l		20.0		92	70-130		
1,1,1-Trichloroethane	21.2		µg/l		20.0		106	70-130		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130		
Trichloroethene	21.0		µg/l		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/l		20.0		110	70-152		
1,2,3-Trichloropropane	23.9		µg/l		20.0		119	70-130		
1,2,4-Trimethylbenzene	20.7		µg/l		20.0		104	70-130		
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
Vinyl chloride	21.8		µg/l		20.0		109	70-130		
m,p-Xylene	44.4		µg/l		40.0		111	70-130		
o-Xylene	23.0		µg/l		20.0		115	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130		
Ethyl ether	21.4		µg/l		20.0		107	70-133		
Tert-amyl methyl ether	20.0		µg/l		20.0		100	70-130		
Ethyl tert-butyl ether	20.0		µg/l		20.0		100	70-130		
Di-isopropyl ether	19.2		µg/l		20.0		96	70-130		
Tert-Butanol / butyl alcohol	230		µg/l		200		115	70-130		
1,4-Dioxane	227		µg/l		200		114	53.1-139		
trans-1,4-Dichloro-2-butene	18.2		µg/l		20.0		91	70-130		
Ethanol	510		µg/l		400		128	70-130		
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
LCS Dup (9052007-BSD1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.0		µg/l		20.0		125	70-130	0.7	25
Acetone	18.6		µg/l		20.0		93	41.6-158	10	50
Acrylonitrile	21.0		µg/l		20.0		105	70-130	0.7	25
Benzene	19.3		µg/l		20.0		97	70-130	1	25
Bromobenzene	20.4		µg/l		20.0		102	70-130	4	25
Bromochloromethane	20.0		µg/l		20.0		100	70-130	3	25
Bromodichloromethane	21.2		µg/l		20.0		106	70-130	1	25
Bromoform	17.6		µg/l		20.0		88	70-130	2	25
Bromomethane	17.4		µg/l		20.0		87	47-147	4	50
2-Butanone (MEK)	21.5		µg/l		20.0		107	60.9-144	3	50
n-Butylbenzene	20.1		µg/l		20.0		101	70-130	2	25
sec-Butylbenzene	21.4		µg/l		20.0		107	70-130	3	25
tert-Butylbenzene	20.5		µg/l		20.0		102	70-130	4	25
Carbon disulfide	22.5		µg/l		20.0		112	70-130	4	25
Carbon tetrachloride	21.2		µg/l		20.0		106	70-130	3	25
Chlorobenzene	20.5		µg/l		20.0		102	70-130	2	25
Chloroethane	20.0		µg/l		20.0		100	63.6-131	6	50
Chloroform	20.3		µg/l		20.0		102	70-130	2	25
Chloromethane	18.3		µg/l		20.0		92	70-130	6	25
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130	4	25
4-Chlorotoluene	21.1		µg/l		20.0		106	70-130	3	25
1,2-Dibromo-3-chloropropane	17.3		µg/l		20.0		86	70-130	1	25
Dibromochloromethane	16.4		µg/l		20.0		82	58.8-145	4	50
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130	2	25
Dibromomethane	19.2		µg/l		20.0		96	70-130	3	25
1,2-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	2	25
1,3-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	3	25
1,4-Dichlorobenzene	19.8		µg/l		20.0		99	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.2		µg/l		20.0		86	56.6-137	4	50
1,1-Dichloroethane	20.5		µg/l		20.0		103	70-130	3	25
1,2-Dichloroethane	19.2		µg/l		20.0		96	70-130	1	25
1,1-Dichloroethene	21.1		µg/l		20.0		106	70-130	3	25
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130	4	25
trans-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	3	25
1,2-Dichloropropane	19.7		µg/l		20.0		99	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS Dup (9052007-BSD1)										
Prepared & Analyzed: 28-May-09										
1,3-Dichloropropane	20.8		µg/l		20.0		104	70-130	1	25
2,2-Dichloropropane	23.7		µg/l		20.0		118	70-130	3	25
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130	1	25
cis-1,3-Dichloropropene	17.7		µg/l		20.0		88	70-130	0.5	25
trans-1,3-Dichloropropene	17.8		µg/l		20.0		89	70-130	0.3	25
Ethylbenzene	20.3		µg/l		20.0		102	70-130	3	25
Hexachlorobutadiene	20.7		µg/l		20.0		104	70-134	5	50
2-Hexanone (MBK)	18.3		µg/l		20.0		92	70-130	1	25
Isopropylbenzene	18.9		µg/l		20.0		94	70-130	3	25
4-Isopropyltoluene	20.7		µg/l		20.0		104	70-130	2	25
Methyl tert-butyl ether	20.8		µg/l		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	19.5		µg/l		20.0		98	64.8-130	0.6	50
Methylene chloride	19.4		µg/l		20.0		97	70-130	5	25
Naphthalene	15.9		µg/l		20.0		79	70-130	4	25
n-Propylbenzene	20.4		µg/l		20.0		102	70-130	3	25
Styrene	19.4		µg/l		20.0		97	70-130	1	25
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130	3	25
1,1,2,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130	1	25
Tetrachloroethene	21.6		µg/l		20.0		108	70-130	1	25
Toluene	20.6		µg/l		20.0		103	70-130	1	25
1,2,3-Trichlorobenzene	17.7		µg/l		20.0		88	70-130	4	25
1,2,4-Trichlorobenzene	17.6		µg/l		20.0		88	70-130	1	25
1,3,5-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	2	25
1,1,1-Trichloroethane	20.9		µg/l		20.0		104	70-130	2	25
1,1,2-Trichloroethane	21.6		µg/l		20.0		108	70-130	1	25
Trichloroethene	20.5		µg/l		20.0		103	70-130	3	25
Trichlorofluoromethane (Freon 11)	21.3		µg/l		20.0		106	70-152	4	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	6	25
1,2,4-Trimethylbenzene	20.1		µg/l		20.0		100	70-130	3	25
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		100	70-130	2	25
Vinyl chloride	20.4		µg/l		20.0		102	70-130	7	25
m,p-Xylene	42.9		µg/l		40.0		107	70-130	3	25
o-Xylene	22.1		µg/l		20.0		110	70-130	4	25
Tetrahydrofuran	19.4		µg/l		20.0		97	70-130	7	25
Ethyl ether	20.8		µg/l		20.0		104	70-133	3	50
Tert-amyl methyl ether	19.6		µg/l		20.0		98	70-130	2	25
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130	0.9	25
Di-isopropyl ether	18.8		µg/l		20.0		94	70-130	2	25
Tert-Butanol / butyl alcohol	220		µg/l		200		110	70-130	4	25
1,4-Dioxane	212		µg/l		200		106	53.1-139	7	25
trans-1,4-Dichloro-2-butene	17.4		µg/l		20.0		87	70-130	4	25
Ethanol	457		µg/l		400		114	70-130	11	30
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Matrix Spike (9052007-MS1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
Benzene	18.4		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	18.9		µg/l		20.0	BRL	94	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Matrix Spike (9052007-MS1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
1,1-Dichloroethene	19.1		µg/l		20.0	BRL	95	70-130		
Toluene	29.8		µg/l		20.0	9.5	102	70-130		
Trichloroethene	19.4		µg/l		20.0	1.1	91	70-130		
Surrogate: 4-Bromofluorobenzene	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike Dup (9052007-MSD1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
Benzene	18.6		µg/l		20.0	BRL	93	70-130	1	30
Chlorobenzene	19.3		µg/l		20.0	BRL	97	70-130	2	30
1,1-Dichloroethene	20.6		µg/l		20.0	BRL	103	70-130	8	30
Toluene	30.2		µg/l		20.0	9.5	103	70-130	2	30
Trichloroethene	19.9		µg/l		20.0	1.1	94	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*30.8*		µg/l		*50.0*		*62*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
Surrogate: Terphenyl-dl4	*35.2*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*27.6*		µg/l		*50.0*		*55*	*15-110*		
Surrogate: Nitrobenzene-d5	*34.4*		µg/l		*50.0*		*69*	*30-130*		
Surrogate: Phenol-d5	*16.5*		µg/l		*50.0*		*33*	*15-110*		
Surrogate: Terphenyl-dl4	*35.2*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*39.4*		µg/l		*50.0*		*79*	*15-110*		
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
Acenaphthene	34.5		µg/l	0.050	50.0		69	40-140		
Acenaphthene	34.5		µg/l	5.00	50.0		69	40-130		
Acenaphthylene	34.6		µg/l	0.050	50.0		69	40-140		
Acenaphthylene	34.6		µg/l	5.00	50.0		69	40-130		
Aniline	30.4		µg/l	5.00	50.0		61	40-130		
1-Methylnaphthalene	32.5		µg/l	0.050	50.0		65	40-140		
Anthracene	38.8		µg/l	0.050	50.0		78	40-140		
Anthracene	38.8		µg/l	5.00	50.0		78	40-130		
Atrazine	65.0		µg/l	5.00	50.0		130	40-130		
Azobenzene/Diphenyldiazine	40.8		µg/l	5.00	50.0		82	40-130		
Benzidine	BRL		µg/l	5.00	50.0			0-130		
Benzo (a) anthracene	34.1		µg/l	0.050	50.0		68	40-140		
Benzo (a) anthracene	34.1		µg/l	5.00	50.0		68	40-130		
Benzo (a) pyrene	38.8		µg/l	0.050	50.0		78	40-140		
Benzo (a) pyrene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (b) fluoranthene	37.7		µg/l	0.050	50.0		75	40-140		
Benzo (b) fluoranthene	37.7		µg/l	5.00	50.0		75	40-130		
Benzo (g,h,i) perylene	39.8		µg/l	5.00	50.0		80	40-130		
Benzo (g,h,i) perylene	39.8		µg/l	0.050	50.0		80	40-140		
Benzo (k) fluoranthene	39.1		µg/l	0.050	50.0		78	40-140		
Benzo (k) fluoranthene	39.1		µg/l	5.00	50.0		78	40-130		
Benzoic acid	21.8		µg/l	5.00	50.0		44	17.9-130		
Benzyl alcohol	37.4		µg/l	5.00	50.0		75	40-130		
Bis(2-chloroethoxy)methane	39.3		µg/l	5.00	50.0		79	40-130		
Bis(2-chloroethyl)ether	39.8		µg/l	5.00	50.0		80	40-130		
Bis(2-chloroisopropyl)ether	38.2		µg/l	5.00	50.0		76	40-130		
Bis(2-ethylhexyl)phthalate	36.6		µg/l	5.00	50.0		73	40-130		
4-Bromophenyl phenyl ether	46.5		µg/l	5.00	50.0		93	40-130		
Butyl benzyl phthalate	37.2		µg/l	5.00	50.0		74	40-130		
Carbazole	41.2		µg/l	5.00	50.0		82	40-130		
4-Chloro-3-methylphenol	39.0		µg/l	5.00	50.0		78	40-130		
4-Chloroaniline	35.4		µg/l	5.00	50.0		71	40-130		
2-Chloronaphthalene	32.5		µg/l	5.00	50.0		65	40-130		
2-Chlorophenol	34.6		µg/l	5.00	50.0		69	40-130		
4-Chlorophenyl phenyl ether	35.6		µg/l	5.00	50.0		71	40-130		
Chrysene	33.8		µg/l	5.00	50.0		68	40-130		
Chrysene	33.8		µg/l	0.050	50.0		68	40-140		
Dibenzo (a,h) anthracene	38.8		µg/l	0.050	50.0		78	40-140		
Dibenzo (a,h) anthracene	38.8		µg/l	5.00	50.0		78	40-130		
Dibenzofuran	32.6		µg/l	5.00	50.0		65	40-130		
1,2-Dichlorobenzene	33.2		µg/l	5.00	50.0		66	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
1,3-Dichlorobenzene	34.0		µg/l	5.00	50.0		68	40-130		
1,4-Dichlorobenzene	34.8		µg/l	5.00	50.0		70	40-130		
3,3´-Dichlorobenzidine	31.1		µg/l	5.00	50.0		62	40-130		
2,4-Dichlorophenol	37.3		µg/l	5.00	50.0		75	40-130		
Diethyl phthalate	37.3		µg/l	5.00	50.0		75	40-130		
Dimethyl phthalate	39.2		µg/l	5.00	50.0		78	40-130		
2,4-Dimethylphenol	36.3		µg/l	5.00	50.0		73	40-130		
Di-n-butyl phthalate	42.0		µg/l	5.00	50.0		84	40-130		
4,6-Dinitro-2-methylphenol	37.7		µg/l	5.00	50.0		75	40-130		
2,4-Dinitrophenol	38.9		µg/l	5.00	50.0		78	40-130		
2,4-Dinitrotoluene	35.9		µg/l	5.00	50.0		72	40-130		
2,6-Dinitrotoluene	35.1		µg/l	5.00	50.0		70	40-130		
Di-n-octyl phthalate	41.9		µg/l	5.00	50.0		84	40-130		
Fluoranthene	39.0		µg/l	5.00	50.0		78	40-130		
Fluoranthene	39.0		µg/l	0.050	50.0		78	40-140		
Fluorene	34.7		µg/l	5.00	50.0		69	40-130		
Fluorene	34.7		µg/l	0.050	50.0		69	40-140		
Hexachlorobenzene	36.4		µg/l	5.00	50.0		73	40-130		
Hexachlorobutadiene	34.0		µg/l	5.00	50.0		68	40-130		
Hexachlorocyclopentadiene	32.7		µg/l	5.00	50.0		65	40-130		
Hexachloroethane	33.8		µg/l	5.00	50.0		68	40-130		
Indeno (1,2,3-cd) pyrene	38.5		µg/l	5.00	50.0		77	40-130		
Indeno (1,2,3-cd) pyrene	38.5		µg/l	0.050	50.0		77	40-140		
Isophorone	37.4		µg/l	5.00	50.0		75	40-130		
2-Methylnaphthalene	36.0		µg/l	5.00	50.0		72	40-130		
2-Methylnaphthalene	36.0		µg/l	0.050	50.0		72	40-140		
2-Methylphenol	34.5		µg/l	5.00	50.0		69	40-130		
3 & 4-Methylphenol	36.0		µg/l	10.0	50.0		72	40-130		
Naphthalene	36.0		µg/l	0.050	50.0		72	40-140		
Naphthalene	36.0		µg/l	5.00	50.0		72	40-130		
2-Nitroaniline	35.6		µg/l	5.00	50.0		71	40-130		
3-Nitroaniline	32.8		µg/l	5.00	50.0		66	40-130		
4-Nitroaniline	35.7		µg/l	20.0	50.0		71	40-130		
Nitrobenzene	36.7		µg/l	5.00	50.0		73	40-130		
2-Nitrophenol	36.9		µg/l	5.00	50.0		74	40-130		
4-Nitrophenol	26.7		µg/l	20.0	50.0		53	40-130		
N-Nitrosodimethylamine	9.44	QC2	µg/l	5.00	50.0		19	40-130		
N-Nitrosodi-n-propylamine	41.0		µg/l	5.00	50.0		82	40-130		
N-Nitrosodiphenylamine	42.0		µg/l	5.00	50.0		84	40-130		
Pentachlorophenol	46.3		µg/l	20.0	50.0		93	40-130		
Phenanthrene	38.9		µg/l	5.00	50.0		78	40-130		
Phenanthrene	38.9		µg/l	0.050	50.0		78	40-140		
Phenol	20.5		µg/l	5.00	50.0		41	40-130		
Pyrene	35.1		µg/l	0.050	50.0		70	40-140		
Pyrene	35.1		µg/l	5.00	50.0		70	40-130		
Pyridine	7.67		µg/l	5.00	50.0		15	0-130		
Hexachlorobenzene	36.4		µg/l	1.00	50.0		73	40-140		
Hexachloroethane	33.8		µg/l	1.00	50.0		68	40-140		
1,2,4-Trichlorobenzene	34.4		µg/l	5.00	50.0		69	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
1-Methylnaphthalene	32.5		µg/l	5.00	50.0		65	40-140		
Pentachlorophenol	46.3		µg/l	1.00	50.0		93	30-130		
2,4,5-Trichlorophenol	34.4		µg/l	5.00	50.0		69	40-130		
Hexachlorobutadiene	34.0		µg/l	0.500	50.0		68	40-140		
2,4,6-Trichlorophenol	37.8		µg/l	5.00	50.0		76	40-130		
Pentachloronitrobenzene	48.2		µg/l	5.00	50.0		96	40-140		
1,2,4,5-Tetrachlorobenzene	38.9		µg/l	5.00	50.0		78	40-140		
Surrogate: 2-Fluorobiphenyl	*31.5*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: Terphenyl-dl4	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.5*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*25.0*		µg/l		*50.0*		*50*	*15-110*		
Surrogate: Nitrobenzene-d5	*36.2*		µg/l		*50.0*		*72*	*30-130*		
Surrogate: Phenol-d5	*15.3*		µg/l		*50.0*		*31*	*15-110*		
Surrogate: Terphenyl-dl4	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*42.5*		µg/l		*50.0*		*85*	*15-110*		
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
Acenaphthene	BRL		µg/l	5.43		BRL				50
Acenaphthene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	5.43		BRL				50
Acenaphthylene	BRL		µg/l	0.050		BRL				50
1-Methylnaphthalene	BRL		µg/l	0.050		BRL				50
Aniline	BRL		µg/l	5.43		BRL				50
Anthracene	BRL		µg/l	0.050		BRL				50
Anthracene	BRL		µg/l	5.43		BRL				50
Atrazine	BRL		µg/l	5.43		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/l	5.43		BRL				50
Benzidine	BRL		µg/l	5.43		BRL				50
Benzo (a) anthracene	BRL		µg/l	5.43		BRL				50
Benzo (a) anthracene	BRL		µg/l	0.050		BRL				50
Benzo (a) pyrene	BRL		µg/l	0.050		BRL				50
Benzo (a) pyrene	BRL		µg/l	5.43		BRL				50
Benzo (b) fluoranthene	BRL		µg/l	0.050		BRL				50
Benzo (b) fluoranthene	BRL		µg/l	5.43		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	5.43		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	0.050		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	0.050		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	5.43		BRL				50
Benzoic acid	BRL		µg/l	5.43		BRL				50
Benzyl alcohol	BRL		µg/l	5.43		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/l	5.43		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/l	5.43		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.43		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.43		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/l	5.43		BRL				50
Butyl benzyl phthalate	BRL		µg/l	5.43		BRL				50
Carbazole	BRL		µg/l	5.43		BRL				50
4-Chloro-3-methylphenol	BRL		µg/l	5.43		BRL				50
4-Chloroaniline	BRL		µg/l	5.43		BRL				50
2-Chloronaphthalene	BRL		µg/l	5.43		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
2-Chlorophenol	BRL		µg/l	5.43		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/l	5.43		BRL				50
Chrysene	BRL		µg/l	5.43		BRL				50
Chrysene	BRL		µg/l	0.050		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	5.43		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	0.050		BRL				50
Dibenzofuran	BRL		µg/l	5.43		BRL				50
1,2-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
1,3-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
1,4-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/l	5.43		BRL				50
2,4-Dichlorophenol	BRL		µg/l	5.43		BRL				50
Diethyl phthalate	BRL		µg/l	5.43		BRL				50
Dimethyl phthalate	BRL		µg/l	5.43		BRL				50
2,4-Dimethylphenol	BRL		µg/l	5.43		BRL				50
Di-n-butyl phthalate	BRL		µg/l	5.43		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.43		BRL				50
2,4-Dinitrophenol	BRL		µg/l	5.43		BRL				50
2,4-Dinitrotoluene	BRL		µg/l	5.43		BRL				50
2,6-Dinitrotoluene	BRL		µg/l	5.43		BRL				50
Di-n-octyl phthalate	BRL		µg/l	5.43		BRL				50
Fluoranthene	BRL		µg/l	5.43		BRL				50
Fluoranthene	BRL		µg/l	0.050		BRL				50
Fluorene	BRL		µg/l	5.43		BRL				50
Fluorene	BRL		µg/l	0.050		BRL				50
Hexachlorobenzene	BRL		µg/l	5.43		BRL				50
Hexachlorobutadiene	BRL		µg/l	5.43		BRL				50
Hexachlorocyclopentadiene	BRL		µg/l	5.43		BRL				50
Hexachloroethane	BRL		µg/l	5.43		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.43		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		BRL				50
Isophorone	BRL		µg/l	5.43		BRL				50
2-Methylnaphthalene	BRL		µg/l	5.43		BRL				50
2-Methylnaphthalene	BRL		µg/l	0.050		BRL				50
2-Methylphenol	BRL		µg/l	5.43		BRL				50
3 & 4-Methylphenol	BRL		µg/l	10.9		BRL				50
Naphthalene	BRL		µg/l	0.050		BRL				50
Naphthalene	BRL		µg/l	5.43		BRL				50
2-Nitroaniline	BRL		µg/l	5.43		BRL				50
3-Nitroaniline	BRL		µg/l	5.43		BRL				50
4-Nitroaniline	BRL		µg/l	21.7		BRL				50
Nitrobenzene	BRL		µg/l	5.43		BRL				50
2-Nitrophenol	BRL		µg/l	5.43		BRL				50
4-Nitrophenol	BRL		µg/l	21.7		BRL				50
N-Nitrosodimethylamine	BRL		µg/l	5.43		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/l	5.43		BRL				50
N-Nitrosodiphenylamine	BRL		µg/l	5.43		BRL				50
Pentachlorophenol	BRL		µg/l	21.7		BRL				50
Phenanthrene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
Phenanthrene	BRL		µg/l	5.43		BRL				50
Phenol	BRL		µg/l	5.43		BRL				50
Pyrene	BRL		µg/l	5.43		BRL				50
Pyrene	BRL		µg/l	0.050		BRL				50
Pyridine	BRL		µg/l	5.43		BRL				50
Hexachlorobenzene	BRL		µg/l	1.00		BRL				50
1-Methylnaphthalene	BRL		µg/l	5.43		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/l	5.43		BRL				50
Hexachloroethane	BRL		µg/l	1.00		BRL				50
2,4,5-Trichlorophenol	BRL		µg/l	5.43		BRL				50
Pentachlorophenol	BRL		µg/l	1.00		BRL				50
2,4,6-Trichlorophenol	BRL		µg/l	5.43		BRL				50
Hexachlorobutadiene	BRL		µg/l	0.500		BRL				50
Pentachloronitrobenzene	BRL		µg/l	5.43		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.43		BRL				50
Surrogate: 2-Fluorobiphenyl	*33.0*		µg/l		*54.3*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*36.8*		µg/l		*54.3*		*68*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*34.2*		µg/l		*54.3*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*20.9*		µg/l		*54.3*		*38*	*15-110*		
Surrogate: Nitrobenzene-d5	*36.9*		µg/l		*54.3*		*68*	*30-130*		
Surrogate: Phenol-d5	*12.3*		µg/l		*54.3*		*23*	*15-110*		
Surrogate: Terphenyl-dl4	*32.1*		µg/l		*54.3*		*59*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*54.4*		µg/l		*54.3*		*100*	*15-110*		
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*20.2*		µg/l		*50.0*		*40*	*15-110*		
Surrogate: Nitrobenzene-d5	*33.5*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: Phenol-d5	*12.2*		µg/l		*50.0*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*49.3*		µg/l		*50.0*		*99*	*15-110*		
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	33.2		µg/l	5.00	50.0		66	40-130		
Acenaphthene	33.2		µg/l	0.050	50.0		66	40-140		
Acenaphthylene	33.0		µg/l	0.050	50.0		66	40-140		
Acenaphthylene	33.0		µg/l	5.00	50.0		66	40-130		
Aniline	22.6		µg/l	5.00	50.0		45	40-130		
1-Methylnaphthalene	31.1		µg/l	0.050	50.0		62	40-140		
Anthracene	40.8		µg/l	5.00	50.0		82	40-130		
Anthracene	40.8		µg/l	0.050	50.0		82	40-140		
Atrazine	55.9		µg/l	5.00	50.0		112	40-130		
Azobenzene/Diphenyldiazine	33.6		µg/l	5.00	50.0		67	40-130		
Benzidine	1.41		µg/l	5.00	50.0		3	0-130		
Benzo (a) anthracene	32.4		µg/l	0.050	50.0		65	40-140		
Benzo (a) anthracene	32.4		µg/l	5.00	50.0		65	40-130		
Benzo (a) pyrene	38.8		µg/l	0.050	50.0		78	40-140		
Benzo (a) pyrene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (b) fluoranthene	40.8		µg/l	5.00	50.0		82	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Benzo (b) fluoranthene	40.8		µg/l	0.050	50.0		82	40-140		
Benzo (g,h,i) perylene	40.3		µg/l	0.050	50.0		81	40-140		
Benzo (g,h,i) perylene	40.3		µg/l	5.00	50.0		81	40-130		
Benzo (k) fluoranthene	40.7		µg/l	0.050	50.0		81	40-140		
Benzo (k) fluoranthene	40.7		µg/l	5.00	50.0		81	40-130		
Benzoic acid	20.2		µg/l	5.00	50.0		40	17.9-130		
Benzyl alcohol	30.2		µg/l	5.00	50.0		60	40-130		
Bis(2-chloroethoxy)methane	35.4		µg/l	5.00	50.0		71	40-130		
Bis(2-chloroethyl)ether	35.9		µg/l	5.00	50.0		72	40-130		
Bis(2-chloroisopropyl)ether	32.5		µg/l	5.00	50.0		65	40-130		
Bis(2-ethylhexyl)phthalate	38.9		µg/l	5.00	50.0		78	40-130		
4-Bromophenyl phenyl ether	50.1		µg/l	5.00	50.0		100	40-130		
Butyl benzyl phthalate	38.7		µg/l	5.00	50.0		77	40-130		
Carbazole	42.6		µg/l	5.00	50.0		85	40-130		
4-Chloro-3-methylphenol	36.9		µg/l	5.00	50.0		74	40-130		
4-Chloroaniline	30.1		µg/l	5.00	50.0		60	40-130		
2-Chloronaphthalene	34.0		µg/l	5.00	50.0		68	40-130		
2-Chlorophenol	31.8		µg/l	5.00	50.0		64	40-130		
4-Chlorophenyl phenyl ether	35.0		µg/l	5.00	50.0		70	40-130		
Chrysene	36.0		µg/l	0.050	50.0		72	40-140		
Chrysene	36.0		µg/l	5.00	50.0		72	40-130		
Dibenzo (a,h) anthracene	41.0		µg/l	5.00	50.0		82	40-130		
Dibenzo (a,h) anthracene	41.0		µg/l	0.050	50.0		82	40-140		
Dibenzofuran	34.3		µg/l	5.00	50.0		69	40-130		
1,2-Dichlorobenzene	33.5		µg/l	5.00	50.0		67	40-130		
1,3-Dichlorobenzene	31.8		µg/l	5.00	50.0		64	40-130		
1,4-Dichlorobenzene	34.2		µg/l	5.00	50.0		68	40-130		
3,3´-Dichlorobenzidine	36.9		µg/l	5.00	50.0		74	40-130		
2,4-Dichlorophenol	40.4		µg/l	5.00	50.0		81	40-130		
Diethyl phthalate	36.1		µg/l	5.00	50.0		72	40-130		
Dimethyl phthalate	37.5		µg/l	5.00	50.0		75	40-130		
2,4-Dimethylphenol	36.2		µg/l	5.00	50.0		72	40-130		
Di-n-butyl phthalate	43.4		µg/l	5.00	50.0		87	40-130		
4,6-Dinitro-2-methylphenol	46.3		µg/l	5.00	50.0		93	40-130		
2,4-Dinitrophenol	43.2		µg/l	5.00	50.0		86	40-130		
2,4-Dinitrotoluene	38.7		µg/l	5.00	50.0		77	40-130		
2,6-Dinitrotoluene	37.3		µg/l	5.00	50.0		75	40-130		
Di-n-octyl phthalate	40.7		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	0.050	50.0		81	40-140		
Fluorene	34.0		µg/l	5.00	50.0		68	40-130		
Fluorene	34.0		µg/l	0.050	50.0		68	40-140		
Hexachlorobenzene	44.3		µg/l	5.00	50.0		89	40-130		
Hexachlorobutadiene	41.8		µg/l	5.00	50.0		84	40-130		
Hexachlorocyclopentadiene	34.8		µg/l	5.00	50.0		70	40-130		
Hexachloroethane	32.9		µg/l	5.00	50.0		66	40-130		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	0.050	50.0		83	40-140		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	5.00	50.0		83	40-130		
Isophorone	34.0		µg/l	5.00	50.0		68	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
2-Methylnaphthalene	35.5		µg/l	0.050	50.0		71	40-140		
2-Methylnaphthalene	35.5		µg/l	5.00	50.0		71	40-130		
2-Methylphenol	30.0		µg/l	5.00	50.0		60	40-130		
3 & 4-Methylphenol	28.4		µg/l	10.0	50.0		57	40-130		
Naphthalene	35.6		µg/l	5.00	50.0		71	40-130		
Naphthalene	35.6		µg/l	0.050	50.0		71	40-140		
2-Nitroaniline	34.3		µg/l	5.00	50.0		69	40-130		
3-Nitroaniline	28.8		µg/l	5.00	50.0		58	40-130		
4-Nitroaniline	35.1		µg/l	20.0	50.0		70	40-130		
Nitrobenzene	34.1		µg/l	5.00	50.0		68	40-130		
2-Nitrophenol	38.7		µg/l	5.00	50.0		77	40-130		
4-Nitrophenol	22.6		µg/l	20.0	50.0		45	40-130		
N-Nitrosodimethylamine	23.7		µg/l	5.00	50.0		47	40-130		
N-Nitrosodi-n-propylamine	32.4		µg/l	5.00	50.0		65	40-130		
N-Nitrosodiphenylamine	42.5		µg/l	5.00	50.0		85	40-130		
Pentachlorophenol	50.0		µg/l	20.0	50.0		100	40-130		
Phenanthrene	40.5		µg/l	0.050	50.0		81	40-140		
Phenanthrene	40.5		µg/l	5.00	50.0		81	40-130		
Phenol	19.5	QC2	µg/l	5.00	50.0		39	40-130		
Pyrene	34.2		µg/l	5.00	50.0		68	40-130		
Pyrene	34.2		µg/l	0.050	50.0		68	40-140		
Pyridine	17.6		µg/l	5.00	50.0		35	0-130		
Hexachlorobenzene	44.3		µg/l	1.00	50.0		89	40-140		
1,2,4-Trichlorobenzene	39.5		µg/l	5.00	50.0		79	40-130		
Hexachloroethane	32.9		µg/l	1.00	50.0		66	40-140		
1-Methylnaphthalene	31.1		µg/l	5.00	50.0		62	40-140		
2,4,5-Trichlorophenol	38.2		µg/l	5.00	50.0		76	40-130		
Pentachlorophenol	50.0		µg/l	1.00	50.0		100	30-130		
Hexachlorobutadiene	41.8		µg/l	0.500	50.0		84	40-140		
2,4,6-Trichlorophenol	34.1		µg/l	5.00	50.0		68	40-130		
Pentachloronitrobenzene	52.3		µg/l	5.00	50.0		105	40-140		
1,2,4,5-Tetrachlorobenzene	40.8		µg/l	5.00	50.0		82	40-140		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*21.8*		µg/l		*50.0*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*34.9*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: Phenol-d5	*13.2*		µg/l		*50.0*		*26*	*15-110*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*53.1*		µg/l		*50.0*		*106*	*15-110*		
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Acenaphthene	BRL		µg/l	5.75		BRL				50
Acenaphthene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	5.75		BRL				50
1-Methylnaphthalene	0.0920		µg/l	0.050		0.101			9	50
Aniline	BRL		µg/l	5.75		BRL				50
Anthracene	BRL		µg/l	5.75		BRL				50
Anthracene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Atrazine	BRL		µg/l	5.75		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/l	5.75		BRL				50
Benzidine	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	0.050		0.135				50
Benzo (a) pyrene	BRL		µg/l	0.050		0.112				50
Benzo (a) pyrene	BRL		µg/l	5.75		BRL				50
Benzo (b) fluoranthene	0.0920	QM4	µg/l	0.050		0.202			75	50
Benzo (b) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	0.050		0.101				50
Benzo (g,h,i) perylene	BRL		µg/l	5.75		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (k) fluoranthene	0.0575	QM4	µg/l	0.050		0.112			65	50
Benzoic acid	BRL		µg/l	5.75		BRL				50
Benzyl alcohol	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.75		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Butyl benzyl phthalate	BRL		µg/l	5.75		BRL				50
Carbazole	BRL		µg/l	5.75		BRL				50
4-Chloro-3-methylphenol	BRL		µg/l	5.75		BRL				50
4-Chloroaniline	BRL		µg/l	5.75		BRL				50
2-Chloronaphthalene	BRL		µg/l	5.75		BRL				50
2-Chlorophenol	BRL		µg/l	5.75		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Chrysene	0.0575	QM4	µg/l	0.050		0.124			73	50
Chrysene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	0.050		BRL				50
Dibenzofuran	BRL		µg/l	5.75		BRL				50
1,2-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,3-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,4-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/l	5.75		BRL				50
2,4-Dichlorophenol	BRL		µg/l	5.75		BRL				50
Diethyl phthalate	BRL		µg/l	5.75		BRL				50
Dimethyl phthalate	BRL		µg/l	5.75		BRL				50
2,4-Dimethylphenol	BRL		µg/l	5.75		BRL				50
Di-n-butyl phthalate	BRL		µg/l	5.75		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrophenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
2,6-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
Di-n-octyl phthalate	BRL		µg/l	5.75		BRL				50
Fluoranthene	0.126	QM4	µg/l	0.050		0.281			76	50
Fluoranthene	BRL		µg/l	5.75		BRL				50
Fluorene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Fluorene	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	5.75		BRL				50
Hexachlorocyclopentadiene	BRL		µg/l	5.75		BRL				50
Hexachloroethane	BRL		µg/l	5.75		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		0.0899				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.75		BRL				50
Isophorone	BRL		µg/l	5.75		BRL				50
2-Methylnaphthalene	0.126		µg/l	0.050		0.135			6	50
2-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
2-Methylphenol	BRL		µg/l	5.75		BRL				50
3 & 4-Methylphenol	BRL		µg/l	11.5		BRL				50
Naphthalene	BRL		µg/l	5.75		BRL				50
Naphthalene	BRL		µg/l	0.050		BRL				50
2-Nitroaniline	BRL		µg/l	5.75		BRL				50
3-Nitroaniline	BRL		µg/l	5.75		BRL				50
4-Nitroaniline	BRL		µg/l	23.0		BRL				50
Nitrobenzene	BRL		µg/l	5.75		BRL				50
2-Nitrophenol	BRL		µg/l	5.75		BRL				50
4-Nitrophenol	BRL		µg/l	23.0		BRL				50
N-Nitrosodimethylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodiphenylamine	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	23.0		BRL				50
Phenanthrene	BRL		µg/l	0.050		BRL				50
Phenanthrene	BRL		µg/l	5.75		BRL				50
Phenol	BRL		µg/l	5.75		BRL				50
Pyrene	0.103	QM4	µg/l	0.050		0.236			78	50
Pyrene	BRL		µg/l	5.75		BRL				50
Pyridine	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	1.00		BRL				50
Hexachloroethane	BRL		µg/l	1.00		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/l	5.75		BRL				50
1-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	1.00		BRL				50
2,4,5-Trichlorophenol	BRL		µg/l	5.75		BRL				50
2,4,6-Trichlorophenol	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	0.500		BRL				50
Pentachloronitrobenzene	BRL		µg/l	5.75		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.75		BRL				50
Surrogate: 2-Fluorobiphenyl	*35.3*		µg/l		*57.5*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*40.3*		µg/l		*57.5*		*70*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*35.9*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*22.6*		µg/l		*57.5*		*39*	*15-110*		
Surrogate: Nitrobenzene-d5	*38.0*		µg/l		*57.5*		*66*	*30-130*		
Surrogate: Phenol-d5	*13.6*		µg/l		*57.5*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*35.5*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*57.7*		µg/l		*57.5*		*100*	*15-110*		

Batch 9051798 - SW846 3545A

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Blank (9051798-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Blank (9051798-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
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	*1780*		µg/kg wet		*3330*		*53*	*30-130*		
Surrogate: 2-Fluorophenol	*2170*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*1960*		µg/kg wet		*3330*		*59*	*30-130*		
Surrogate: Phenol-d5	*1820*		µg/kg wet		*3330*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*1940*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1940*		µg/kg wet		*3330*		*58*	*15-110*		
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1920		µg/kg wet	330	3330		58	40-130		
Acenaphthylene	1920		µg/kg wet	330	3330		58	40-130		
Aniline	1830		µg/kg wet	330	3330		55	40-130		
Anthracene	2180		µg/kg wet	330	3330		65	40-130		
Atrazine	3650		µg/kg wet	330	3330		110	40-130		
Azobenzene/Diphenyldiazine	2180		µg/kg wet	330	3330		65	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2000		µg/kg wet	330	3330		60	40-130		
Benzo (a) pyrene	2250		µg/kg wet	330	3330		68	40-130		
Benzo (b) fluoranthene	2110		µg/kg wet	330	3330		63	40-130		
Benzo (g,h,i) perylene	2120		µg/kg wet	330	3330		64	40-130		
Benzo (k) fluoranthene	2380		µg/kg wet	330	3330		71	40-130		
Benzoic acid	1710		µg/kg wet	330	3330		51	0-161		
Benzyl alcohol	2090		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroethoxy)methane	2280		µg/kg wet	330	3330		68	40-130		
Bis(2-chloroethyl)ether	2380		µg/kg wet	330	3330		71	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Bis(2-chloroisopropyl)ether	2370		µg/kg wet	330	3330		71	40-130		
Bis(2-ethylhexyl)phthalate	2290		µg/kg wet	330	3330		69	40-130		
4-Bromophenyl phenyl ether	2640		µg/kg wet	330	3330		79	40-130		
Butyl benzyl phthalate	2220		µg/kg wet	330	3330		67	40-130		
Carbazole	2330		µg/kg wet	330	3330		70	40-130		
4-Chloro-3-methylphenol	2140		µg/kg wet	330	3330		64	40-130		
4-Chloroaniline	1940		µg/kg wet	330	3330		58	40-130		
2-Chloronaphthalene	1850		µg/kg wet	330	3330		56	40-130		
2-Chlorophenol	2100		µg/kg wet	330	3330		63	40-130		
4-Chlorophenyl phenyl ether	2010		µg/kg wet	330	3330		60	40-130		
Chrysene	2030		µg/kg wet	330	3330		61	40-130		
Dibenzo (a,h) anthracene	2080		µg/kg wet	330	3330		62	40-130		
Dibenzofuran	1820		µg/kg wet	330	3330		55	40-130		
1,2-Dichlorobenzene	1970		µg/kg wet	330	3330		59	40-130		
1,3-Dichlorobenzene	2060		µg/kg wet	330	3330		62	40-130		
1,4-Dichlorobenzene	2070		µg/kg wet	330	3330		62	40-130		
3,3´-Dichlorobenzidine	1860		µg/kg wet	330	3330		56	40-130		
2,4-Dichlorophenol	2070		µg/kg wet	330	3330		62	40-130		
Diethyl phthalate	2130		µg/kg wet	330	3330		64	40-130		
Dimethyl phthalate	2180		µg/kg wet	330	3330		65	40-130		
2,4-Dimethylphenol	2050		µg/kg wet	330	3330		61	40-130		
Di-n-butyl phthalate	2350		µg/kg wet	330	3330		71	40-130		
4,6-Dinitro-2-methylphenol	2150		µg/kg wet	330	3330		64	40-130		
2,4-Dinitrophenol	2070		µg/kg wet	330	3330		62	40-130		
2,4-Dinitrotoluene	1990		µg/kg wet	330	3330		60	40-130		
2,6-Dinitrotoluene	1980		µg/kg wet	330	3330		59	40-130		
Di-n-octyl phthalate	2490		µg/kg wet	330	3330		75	40-130		
Fluoranthene	2180		µg/kg wet	330	3330		65	40-130		
Fluorene	1940		µg/kg wet	330	3330		58	40-130		
Hexachlorobenzene	2100		µg/kg wet	330	3330		63	40-130		
Hexachlorobutadiene	1990		µg/kg wet	330	3330		60	40-130		
Hexachlorocyclopentadiene	1990		µg/kg wet	330	3330		60	40-130		
Hexachloroethane	2150		µg/kg wet	330	3330		65	40-130		
Indeno (1,2,3-cd) pyrene	2080		µg/kg wet	330	3330		62	40-130		
Isophorone	2150		µg/kg wet	330	3330		65	40-130		
1-Methylnaphthalene	1860		µg/kg wet	330	3330		56	40-140		
2-Methylnaphthalene	2020		µg/kg wet	330	3330		61	40-130		
2-Methylphenol	2130		µg/kg wet	330	3330		64	40-130		
3 & 4-Methylphenol	2380		µg/kg wet	330	3330		71	40-130		
Naphthalene	2050		µg/kg wet	330	3330		61	40-130		
2-Nitroaniline	1950		µg/kg wet	330	3330		58	40-130		
3-Nitroaniline	1800		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	1930		µg/kg wet	1320	3330		58	40-130		
Nitrobenzene	2110		µg/kg wet	330	3330		63	40-130		
2-Nitrophenol	2090		µg/kg wet	330	3330		63	40-130		
4-Nitrophenol	1500		µg/kg wet	1320	3330		45	40-130		
N-Nitrosodimethylamine	2310		µg/kg wet	330	3330		69	40-130		
N-Nitrosodi-n-propylamine	2420		µg/kg wet	330	3330		73	40-130		
N-Nitrosodiphenylamine	2380		µg/kg wet	330	3330		71	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Pentachlorophenol	2350		µg/kg wet	330	3330		70	40-130		
Phenanthrene	2190		µg/kg wet	330	3330		66	40-130		
Phenol	2290		µg/kg wet	330	3330		69	40-130		
Pyrene	2080		µg/kg wet	330	3330		62	40-130		
Pyridine	907		µg/kg wet	330	3330		27	0-130		
1,2,4-Trichlorobenzene	1950		µg/kg wet	330	3330		59	40-130		
2,4,5-Trichlorophenol	1880		µg/kg wet	330	3330		56	40-130		
2,4,6-Trichlorophenol	1950		µg/kg wet	330	3330		58	40-130		
Pentachloronitrobenzene	2810		µg/kg wet	330	3330		84	40-140		
1,2,4,5-Tetrachlorobenzene	2270		µg/kg wet	330	3330		68	40-140		
Surrogate: 2-Fluorobiphenyl	*1920*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2-Fluorophenol	*2150*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*2190*		µg/kg wet		*3330*		*66*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-dl4	*1940*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2360*		µg/kg wet		*3330*		*71*	*15-110*		
Duplicate (9051798-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	BRL		µg/kg dry	419		BRL				50
Acenaphthylene	BRL		µg/kg dry	419		BRL				50
Aniline	BRL		µg/kg dry	419		BRL				50
Anthracene	BRL		µg/kg dry	419		BRL				50
Atrazine	BRL		µg/kg dry	419		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	419		BRL				50
Benzidine	BRL		µg/kg dry	419		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	419		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	419		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	419		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	419		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	419		BRL				50
Benzoic acid	BRL		µg/kg dry	419		BRL				50
Benzyl alcohol	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	419		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	419		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	419		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	419		BRL				50
Carbazole	BRL		µg/kg dry	419		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	419		BRL				50
4-Chloroaniline	BRL		µg/kg dry	419		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	419		BRL				50
2-Chlorophenol	BRL		µg/kg dry	419		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	419		BRL				50
Chrysene	BRL		µg/kg dry	419		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	419		BRL				50
Dibenzofuran	BRL		µg/kg dry	419		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Duplicate (9051798-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
3,3´-Dichlorobenzidine	BRL		µg/kg dry	419		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	419		BRL				50
Diethyl phthalate	BRL		µg/kg dry	419		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	419		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	419		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	419		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	419		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	419		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	419		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	419		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	419		BRL				50
Fluoranthene	BRL		µg/kg dry	419		BRL				50
Fluorene	BRL		µg/kg dry	419		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	419		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	419		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	419		BRL				50
Hexachloroethane	BRL		µg/kg dry	419		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	419		BRL				50
Isophorone	BRL		µg/kg dry	419		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	419		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	419		BRL				50
2-Methylphenol	BRL		µg/kg dry	419		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	419		BRL				50
Naphthalene	BRL		µg/kg dry	419		BRL				50
2-Nitroaniline	BRL		µg/kg dry	419		BRL				50
3-Nitroaniline	BRL		µg/kg dry	419		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1680		BRL				50
Nitrobenzene	BRL		µg/kg dry	419		BRL				50
2-Nitrophenol	BRL		µg/kg dry	419		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1680		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	419		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	419		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	419		BRL				50
Pentachlorophenol	BRL		µg/kg dry	419		BRL				50
Phenanthrene	BRL		µg/kg dry	419		BRL				50
Phenol	BRL		µg/kg dry	419		BRL				50
Pyrene	BRL		µg/kg dry	419		BRL				50
Pyridine	BRL		µg/kg dry	419		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	419		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	419		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	419		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	419		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	419		BRL				50
Surrogate: 2-Fluorobiphenyl	*1490*		µg/kg dry		*2120*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1920*		µg/kg dry		*2120*		*91*	*15-110*		
Surrogate: Nitrobenzene-d5	*1660*		µg/kg dry		*2120*		*78*	*30-130*		
Surrogate: Phenol-d5	*1520*		µg/kg dry		*2120*		*72*	*15-110*		
Surrogate: Terphenyl-dl4	*1700*		µg/kg dry		*2120*		*80*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1740*		µg/kg dry		*2120*		*82*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Matrix Spike (9051798-MS1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1220		µg/kg dry	209	2110	BRL	58	40-140		
Benzo (b) fluoranthene	1510		µg/kg dry	209	2110	BRL	72	40-140		
Benzo (k) fluoranthene	1640		µg/kg dry	209	2110	BRL	78	40-140		
4-Chloro-3-methylphenol	1370		µg/kg dry	209	2110	BRL	65	30-130		
2-Chlorophenol	1350		µg/kg dry	209	2110	BRL	64	30-130		
Chrysene	1290		µg/kg dry	209	2110	BRL	61	40-140		
1,4-Dichlorobenzene	1330		µg/kg dry	209	2110	BRL	63	40-140		
Indeno (1,2,3-cd) pyrene	1000		µg/kg dry	209	2110	BRL	48	40-140		
Naphthalene	1310		µg/kg dry	209	2110	BRL	62	40-140		
4-Nitrophenol	913		µg/kg dry	835	2110	BRL	43	30-130		
N-Nitrosodi-n-propylamine	1550		µg/kg dry	209	2110	BRL	74	40-140		
Pentachlorophenol	1480		µg/kg dry	209	2110	BRL	70	30-130		
Phenol	1450		µg/kg dry	209	2110	BRL	69	30-130		
Pyrene	1400		µg/kg dry	209	2110	BRL	66	40-140		
1,2,4-Trichlorobenzene	1280		µg/kg dry	209	2110	BRL	61	40-140		
Surrogate: 2-Fluorobiphenyl	*1160*		µg/kg dry		*2110*		*55*	*30-130*		
Surrogate: 2-Fluorophenol	*1320*		µg/kg dry		*2110*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*1340*		µg/kg dry		*2110*		*64*	*30-130*		
Surrogate: Phenol-d5	*1130*		µg/kg dry		*2110*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*1230*		µg/kg dry		*2110*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1410*		µg/kg dry		*2110*		*67*	*15-110*		
Matrix Spike Dup (9051798-MSD1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1440		µg/kg dry	208	2100	BRL	69	40-140	17	30
Benzo (b) fluoranthene	1740		µg/kg dry	208	2100	BRL	83	40-140	15	30
Benzo (k) fluoranthene	1930		µg/kg dry	208	2100	BRL	92	40-140	16	30
4-Chloro-3-methylphenol	1610		µg/kg dry	208	2100	BRL	76	30-130	16	30
2-Chlorophenol	1550		µg/kg dry	208	2100	BRL	74	30-130	14	30
Chrysene	1480		µg/kg dry	208	2100	BRL	70	40-140	14	30
1,4-Dichlorobenzene	1530		µg/kg dry	208	2100	BRL	73	40-140	14	30
Indeno (1,2,3-cd) pyrene	1180		µg/kg dry	208	2100	BRL	56	40-140	17	30
Naphthalene	1540		µg/kg dry	208	2100	BRL	73	40-140	16	30
4-Nitrophenol	1060		µg/kg dry	833	2100	BRL	50	30-130	15	30
N-Nitrosodi-n-propylamine	1790		µg/kg dry	208	2100	BRL	85	40-140	14	30
Pentachlorophenol	1820		µg/kg dry	208	2100	BRL	87	30-130	21	30
Phenol	1690		µg/kg dry	208	2100	BRL	80	30-130	16	30
Pyrene	1630		µg/kg dry	208	2100	BRL	77	40-140	15	30
1,2,4-Trichlorobenzene	1490		µg/kg dry	208	2100	BRL	71	40-140	15	30
Surrogate: 2-Fluorobiphenyl	*1370*		µg/kg dry		*2100*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*1520*		µg/kg dry		*2100*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*1530*		µg/kg dry		*2100*		*73*	*30-130*		
Surrogate: Phenol-d5	*1290*		µg/kg dry		*2100*		*61*	*15-110*		
Surrogate: Terphenyl-dl4	*1410*		µg/kg dry		*2100*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1690*		µg/kg dry		*2100*		*80*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
Blank (9051501-BLK1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.9*		µg/kg wet		*13.3*		*104*	*30-150*		
LCS (9051501-BS1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	22.7		µg/kg wet	6.70	33.3		68	40-140		
2,4,5-T [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140		
2,4,5-TP (Silvex)	21.8		µg/kg wet	6.70	33.3		65	40-140		
2,4,5-TP (Silvex) [2C]	22.5		µg/kg wet	6.70	33.3		67	40-140		
2,4-D	24.3		µg/kg wet	6.70	33.3		73	40-140		
2,4-D [2C]	24.5		µg/kg wet	6.70	33.3		73	40-140		
2,4-DB	25.3		µg/kg wet	6.70	33.3		76	40-140		
2,4-DB [2C]	29.1		µg/kg wet	6.70	33.3		87	40-140		
Dalapon	17.6		µg/kg wet	6.70	33.3		53	40-140		
Dalapon [2C]	19.2		µg/kg wet	6.70	33.3		58	40-140		
Dicamba	22.1		µg/kg wet	6.70	33.3		66	40-140		
Dicamba [2C]	22.6		µg/kg wet	6.70	33.3		68	40-140		
Dichlorprop	25.1		µg/kg wet	6.70	33.3		75	40-140		
Dichlorprop [2C]	24.3		µg/kg wet	6.70	33.3		73	40-140		
Dinoseb	23.5		µg/kg wet	6.70	33.3		71	40-140		
Dinoseb [2C]	22.7		µg/kg wet	6.70	33.3		68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.9*		µg/kg wet		*13.3*		*97*	*30-150*		
LCS (9051501-BS2)										
Prepared & Analyzed: 21-May-09										
MCPA	6600		µg/kg wet	670	10000		66	40-140		
MCPA [2C]	7470		µg/kg wet	670	10000		75	40-140		
MCPB	7130		µg/kg wet	670	10000		71	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
LCS (9051501-BS2)										
Prepared & Analyzed: 21-May-09										
MCPB [2C]	7330		µg/kg wet	670	10000		73	40-140		
MCPP	7530		µg/kg wet	670	10000		75	40-140		
MCPP [2C]	5930		µg/kg wet	670	10000		59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.5*		µg/kg wet		*13.3*		*94*	*30-150*		
LCS Dup (9051501-BSD1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	22.7		µg/kg wet	6.70	33.3		68	40-140	0.3	25
2,4,5-T [2C]	24.1		µg/kg wet	6.70	33.3		72	40-140	9	25
2,4,5-TP (Silvex)	22.9		µg/kg wet	6.70	33.3		69	40-140	5	25
2,4,5-TP (Silvex) [2C]	24.2		µg/kg wet	6.70	33.3		73	40-140	7	25
2,4-D	24.2		µg/kg wet	6.70	33.3		73	40-140	0.3	25
2,4-D [2C]	25.3		µg/kg wet	6.70	33.3		76	40-140	3	25
2,4-DB	26.2		µg/kg wet	6.70	33.3		79	40-140	3	25
2,4-DB [2C]	25.6		µg/kg wet	6.70	33.3		77	40-140	13	25
Dalapon	18.1		µg/kg wet	6.70	33.3		54	40-140	3	25
Dalapon [2C]	22.0		µg/kg wet	6.70	33.3		66	40-140	14	25
Dicamba	22.7		µg/kg wet	6.70	33.3		68	40-140	3	25
Dicamba [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	5	25
Dichlorprop	26.0		µg/kg wet	6.70	33.3		78	40-140	4	25
Dichlorprop [2C]	26.2		µg/kg wet	6.70	33.3		79	40-140	8	25
Dinoseb	24.9		µg/kg wet	6.70	33.3		75	40-140	6	25
Dinoseb [2C]	24.7		µg/kg wet	6.70	33.3		74	40-140	8	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.1*		µg/kg wet		*13.3*		*98*	*30-150*		
LCS Dup (9051501-BSD2)										
Prepared & Analyzed: 21-May-09										
MCPA	6530		µg/kg wet	670	10000		65	40-140	1	25
MCPA [2C]	7400		µg/kg wet	670	10000		74	40-140	0.9	25
MCPB	7270		µg/kg wet	670	10000		73	40-140	2	25
MCPB [2C]	7470		µg/kg wet	670	10000		75	40-140	2	25
MCPP	7130		µg/kg wet	670	10000		71	40-140	5	25
MCPP [2C]	6470		µg/kg wet	670	10000		65	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg wet		*13.3*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.1*		µg/kg wet		*13.3*		*98*	*30-150*		
Duplicate (9051501-DUP1) **Source: SA95049-04**										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
Duplicate (9051501-DUP1) **Source: SA95049-04**										
Prepared & Analyzed: 21-May-09										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.2*		µg/kg dry		*15.9*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.6*		µg/kg dry		*15.9*		*142*	*30-150*		
Batch 9051510 - SW846 3510C										
Blank (9051510-BLK1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	BRL		µg/l	0.200						
Aroclor-1016 [2C]	BRL		µg/l	0.200						
Aroclor-1221	BRL		µg/l	0.200						
Aroclor-1221 [2C]	BRL		µg/l	0.200						
Aroclor-1232	BRL		µg/l	0.200						
Aroclor-1232 [2C]	BRL		µg/l	0.200						
Aroclor-1242	BRL		µg/l	0.200						
Aroclor-1242 [2C]	BRL		µg/l	0.200						
Aroclor-1248	BRL		µg/l	0.200						
Aroclor-1248 [2C]	BRL		µg/l	0.200						
Aroclor-1254	BRL		µg/l	0.200						
Aroclor-1254 [2C]	BRL		µg/l	0.200						
Aroclor-1260	BRL		µg/l	0.200						
Aroclor-1260 [2C]	BRL		µg/l	0.200						
Aroclor-1262	BRL		µg/l	0.200						
Aroclor-1262 [2C]	BRL		µg/l	0.200						
Aroclor-1268	BRL		µg/l	0.200						
Aroclor-1268 [2C]	BRL		µg/l	0.200						
Surrogate: Decachlorobiphenyl (Sr)	*0.173*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.161*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.164*		µg/l		*0.200*		*82*	*30-150*		
LCS (9051510-BS1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	2.55		µg/l	0.200	2.50		102	50-140		
Aroclor-1016 [2C]	2.36		µg/l	0.200	2.50		94	50-140		
Aroclor-1260	2.16		µg/l	0.200	2.50		86	50-140		
Aroclor-1260 [2C]	2.25		µg/l	0.200	2.50		90	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*0.158*		µg/l		*0.200*		*79*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.191*		µg/l		*0.200*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.163*		µg/l		*0.200*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.172*		µg/l		*0.200*		*86*	*30-150*		
LCS Dup (9051510-BSD1)										
Prepared: 21-May-09 Analyzed: 23-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051510 - SW846 3510C										
LCS Dup (9051510-BSD1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	2.53		µg/l	0.200	2.50		101	50-140	0.9	30
Aroclor-1016 [2C]	2.30		µg/l	0.200	2.50		92	50-140	2	30
Aroclor-1260	2.10		µg/l	0.200	2.50		84	50-140	3	30
Aroclor-1260 [2C]	2.22		µg/l	0.200	2.50		89	50-140	1	30
Surrogate: Decachlorobiphenyl (Sr)	*0.171*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.189*		µg/l		*0.200*		*94*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.166*		µg/l		*0.200*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.171*		µg/l		*0.200*		*86*	*30-150*		
Duplicate (9051510-DUP1) **Source: SA95070-20**										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	BRL		µg/l	0.215		BRL				40
Aroclor-1016 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1221	BRL		µg/l	0.215		BRL				40
Aroclor-1221 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1232	BRL		µg/l	0.215		BRL				40
Aroclor-1232 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1242	BRL		µg/l	0.215		BRL				40
Aroclor-1242 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1248	BRL		µg/l	0.215		BRL				40
Aroclor-1248 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1254	BRL		µg/l	0.215		BRL				40
Aroclor-1254 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1260	BRL		µg/l	0.215		BRL				40
Aroclor-1260 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1262	BRL		µg/l	0.215		BRL				40
Aroclor-1262 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1268	BRL		µg/l	0.215		BRL				40
Aroclor-1268 [2C]	BRL		µg/l	0.215		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*0.113*		µg/l		*0.215*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.117*		µg/l		*0.215*		*54*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.169*		µg/l		*0.215*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.163*		µg/l		*0.215*		*76*	*30-150*		
Batch 9051518 - SW846 3510C										
Blank (9051518-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	BRL		µg/l	0.0200						
alpha-BHC [2C]	BRL		µg/l	0.0200						
beta-BHC	BRL		µg/l	0.0200						
beta-BHC [2C]	BRL		µg/l	0.0200						
delta-BHC	BRL		µg/l	0.0200						
delta-BHC [2C]	BRL		µg/l	0.0200						
gamma-BHC (Lindane)	BRL		µg/l	0.0200						
gamma-BHC (Lindane) [2C]	BRL		µg/l	0.0200						
Heptachlor	BRL		µg/l	0.0200						
Heptachlor [2C]	BRL		µg/l	0.0200						
Aldrin	BRL		µg/l	0.0200						
Aldrin [2C]	BRL		µg/l	0.0200						
Heptachlor epoxide	BRL		µg/l	0.0200						
Heptachlor epoxide [2C]	BRL		µg/l	0.0200						
Endosulfan I	BRL		µg/l	0.0200						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
Blank (9051518-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Endosulfan I [2C]	BRL		µg/l	0.0200						
Dieldrin	BRL		µg/l	0.0200						
Dieldrin [2C]	BRL		µg/l	0.0200						
4,4'-DDE (p,p')	BRL		µg/l	0.0200						
4,4'-DDE (p,p') [2C]	BRL		µg/l	0.0200						
Endrin	BRL		µg/l	0.0400						
Endrin [2C]	BRL		µg/l	0.0400						
Endosulfan II	BRL		µg/l	0.0400						
Endosulfan II [2C]	BRL		µg/l	0.0400						
4,4'-DDD (p,p')	BRL		µg/l	0.0400						
4,4'-DDD (p,p') [2C]	BRL		µg/l	0.0400						
Endosulfan sulfate	BRL		µg/l	0.0400						
Endosulfan sulfate [2C]	BRL		µg/l	0.0400						
4,4'-DDT (p,p')	BRL		µg/l	0.0400						
4,4'-DDT (p,p') [2C]	BRL		µg/l	0.0400						
Methoxychlor	BRL		µg/l	0.0400						
Methoxychlor [2C]	BRL		µg/l	0.0400						
Endrin ketone	BRL		µg/l	0.0400						
Endrin ketone [2C]	BRL		µg/l	0.0400						
Endrin aldehyde	BRL		µg/l	0.0400						
Endrin aldehyde [2C]	BRL		µg/l	0.0400						
alpha-Chlordane	BRL		µg/l	0.0200						
alpha-Chlordane [2C]	BRL		µg/l	0.0200						
gamma-Chlordane	BRL		µg/l	0.0200						
gamma-Chlordane [2C]	BRL		µg/l	0.0200						
Toxaphene	BRL		µg/l	0.5000						
Toxaphene [2C]	BRL		µg/l	0.5000						
Chlordane	BRL		µg/l	0.5000						
Chlordane [2C]	BRL		µg/l	0.0650						
Alachlor	BRL		µg/l	0.0200						
Alachlor [2C]	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0148*		µg/l		*0.0200*		*74*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0137*		µg/l		*0.0200*		*68*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00936*		µg/l		*0.0200*		*47*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00851*		µg/l		*0.0200*		*43*	*30-150*		
LCS (9051518-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	0.0150		µg/l	0.0200	0.0200		75	40-140		
alpha-BHC [2C]	0.0136		µg/l	0.0200	0.0200		68	40-140		
beta-BHC	0.0160		µg/l	0.0200	0.0200		80	40-140		
beta-BHC [2C]	0.0166		µg/l	0.0200	0.0200		83	40-140		
delta-BHC	0.0149		µg/l	0.0200	0.0200		74	40-140		
delta-BHC [2C]	0.0142		µg/l	0.0200	0.0200		71	40-140		
gamma-BHC (Lindane)	0.0156		µg/l	0.0200	0.0200		78	50-120		
gamma-BHC (Lindane) [2C]	0.0139		µg/l	0.0200	0.0200		70	50-120		
Heptachlor	0.0151		µg/l	0.0200	0.0200		76	40-140		
Heptachlor [2C]	0.0139		µg/l	0.0200	0.0200		70	40-140		
Aldrin	0.0140		µg/l	0.0200	0.0200		70	40-140		
Aldrin [2C]	0.0129		µg/l	0.0200	0.0200		64	40-140		
Heptachlor epoxide	0.0156		µg/l	0.0200	0.0200		78	50-150		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
LCS (9051518-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Heptachlor epoxide [2C]	0.0145		µg/l	0.0200	0.0200		73	50-150		
Endosulfan I	0.0154		µg/l	0.0200	0.0200		77	40-140		
Endosulfan I [2C]	0.0152		µg/l	0.0200	0.0200		76	40-140		
Dieldrin	0.0154		µg/l	0.0200	0.0200		77	30-130		
Dieldrin [2C]	0.0151		µg/l	0.0200	0.0200		76	30-130		
4,4'-DDE (p,p')	0.0153		µg/l	0.0200	0.0200		77	50-150		
4,4'-DDE (p,p') [2C]	0.0142		µg/l	0.0200	0.0200		71	50-150		
Endrin	0.0149		µg/l	0.0200	0.0200		74	50-120		
Endrin [2C]	0.0155		µg/l	0.0200	0.0200		78	50-120		
Endosulfan II	0.0158		µg/l	0.0200	0.0200		79	40-140		
Endosulfan II [2C]	0.0162		µg/l	0.0200	0.0200		81	40-140		
4,4'-DDD (p,p')	0.0163		µg/l	0.0200	0.0200		82	40-140		
4,4'-DDD (p,p') [2C]	0.0157		µg/l	0.0200	0.0200		78	40-140		
Endosulfan sulfate	0.0154		µg/l	0.0200	0.0200		77	50-120		
Endosulfan sulfate [2C]	0.0168		µg/l	0.0200	0.0200		84	50-120		
4,4'-DDT (p,p')	0.0138		µg/l	0.0200	0.0200		69	40-140		
4,4'-DDT (p,p') [2C]	0.0150		µg/l	0.0200	0.0200		75	40-140		
Methoxychlor	0.0140		µg/l	0.0200	0.0200		70	40-140		
Methoxychlor [2C]	0.0174		µg/l	0.0200	0.0200		87	40-140		
Endrin ketone	0.0149		µg/l	0.0200	0.0200		74	40-140		
Endrin ketone [2C]	0.0167		µg/l	0.0200	0.0200		84	40-140		
Endrin aldehyde	0.0160		µg/l	0.0200	0.0200		80	40-140		
Endrin aldehyde [2C]	0.0163		µg/l	0.0200	0.0200		82	40-140		
alpha-Chlordane	0.0157		µg/l	0.0200	0.0200		79	40-140		
alpha-Chlordane [2C]	0.0148		µg/l	0.0200	0.0200		74	40-140		
gamma-Chlordane	0.0155		µg/l	0.0200	0.0200		77	30-130		
gamma-Chlordane [2C]	0.0146		µg/l	0.0200	0.0200		73	30-130		
Alachlor	0.0125		µg/l	0.0200	0.0200		62	40-140		
Alachlor [2C]	0.0145		µg/l	0.0200	0.0200		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0161*		µg/l		*0.0200*		*81*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0152*		µg/l		*0.0200*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0105*		µg/l		*0.0200*		*53*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0103*		µg/l		*0.0200*		*51*	*30-150*		
LCS Dup (9051518-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	0.0163		µg/l	0.0200	0.0200		81	40-140	8	20
alpha-BHC [2C]	0.0150		µg/l	0.0200	0.0200		75	40-140	9	20
beta-BHC	0.0168		µg/l	0.0200	0.0200		84	40-140	5	20
beta-BHC [2C]	0.0183		µg/l	0.0200	0.0200		91	40-140	10	20
delta-BHC	0.0158		µg/l	0.0200	0.0200		79	40-140	6	20
delta-BHC [2C]	0.0156		µg/l	0.0200	0.0200		78	40-140	9	20
gamma-BHC (Lindane)	0.0168		µg/l	0.0200	0.0200		84	50-120	8	20
gamma-BHC (Lindane) [2C]	0.0154		µg/l	0.0200	0.0200		77	50-120	10	20
Heptachlor	0.0164		µg/l	0.0200	0.0200		82	40-140	8	20
Heptachlor [2C]	0.0154		µg/l	0.0200	0.0200		77	40-140	10	20
Aldrin	0.0153		µg/l	0.0200	0.0200		76	40-140	8	20
Aldrin [2C]	0.0142		µg/l	0.0200	0.0200		71	40-140	10	20
Heptachlor epoxide	0.0169		µg/l	0.0200	0.0200		84	50-150	8	20
Heptachlor epoxide [2C]	0.0160		µg/l	0.0200	0.0200		80	50-150	10	20
Endosulfan I	0.0166		µg/l	0.0200	0.0200		83	40-140	8	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
LCS Dup (9051518-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Endosulfan I [2C]	0.0167		µg/l	0.0200	0.0200		84	40-140	9	20
Dieldrin	0.0162		µg/l	0.0200	0.0200		81	30-130	5	20
Dieldrin [2C]	0.0165		µg/l	0.0200	0.0200		82	30-130	9	20
4,4'-DDE (p,p')	0.0165		µg/l	0.0200	0.0200		82	50-150	7	20
4,4'-DDE (p,p') [2C]	0.0156		µg/l	0.0200	0.0200		78	50-150	9	20
Endrin	0.0161		µg/l	0.0200	0.0200		81	50-120	8	20
Endrin [2C]	0.0170		µg/l	0.0200	0.0200		85	50-120	9	20
Endosulfan II	0.0165		µg/l	0.0200	0.0200		83	40-140	4	20
Endosulfan II [2C]	0.0177		µg/l	0.0200	0.0200		89	40-140	9	20
4,4'-DDD (p,p')	0.0175		µg/l	0.0200	0.0200		88	40-140	7	20
4,4'-DDD (p,p') [2C]	0.0172		µg/l	0.0200	0.0200		86	40-140	9	20
Endosulfan sulfate	0.0160		µg/l	0.0200	0.0200		80	50-120	4	20
Endosulfan sulfate [2C]	0.0184		µg/l	0.0200	0.0200		92	50-120	9	20
4,4'-DDT (p,p')	0.0147		µg/l	0.0200	0.0200		73	40-140	6	20
4,4'-DDT (p,p') [2C]	0.0168		µg/l	0.0200	0.0200		84	40-140	11	20
Methoxychlor	0.0149		µg/l	0.0200	0.0200		75	40-140	6	20
Methoxychlor [2C]	0.0189		µg/l	0.0200	0.0200		95	40-140	8	20
Endrin ketone	0.0157		µg/l	0.0200	0.0200		79	40-140	5	20
Endrin ketone [2C]	0.0182		µg/l	0.0200	0.0200		91	40-140	8	20
Endrin aldehyde	0.0177		µg/l	0.0200	0.0200		88	40-140	10	20
Endrin aldehyde [2C]	0.0178		µg/l	0.0200	0.0200		89	40-140	9	20
alpha-Chlordane	0.0170		µg/l	0.0200	0.0200		85	40-140	8	20
alpha-Chlordane [2C]	0.0162		µg/l	0.0200	0.0200		81	40-140	9	20
gamma-Chlordane	0.0168		µg/l	0.0200	0.0200		84	30-130	8	20
gamma-Chlordane [2C]	0.0161		µg/l	0.0200	0.0200		81	30-130	10	20
Alachlor	0.0134		µg/l	0.0200	0.0200		67	40-140	7	20
Alachlor [2C]	0.0153		µg/l	0.0200	0.0200		77	40-140	5	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0174*		µg/l		*0.0200*		*87*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0168*		µg/l		*0.0200*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0113*		µg/l		*0.0200*		*57*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0111*		µg/l		*0.0200*		*55*	*30-150*		
Batch 9051539 - SW846 3510C										
Blank (9051539-BLK1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/l	0.100						
2,4,5-T [2C]	BRL		µg/l	0.100						
2,4,5-TP (Silvex)	BRL		µg/l	0.100						
2,4,5-TP (Silvex) [2C]	BRL		µg/l	0.100						
2,4-D	BRL		µg/l	0.100						
2,4-D [2C]	BRL		µg/l	0.100						
2,4-DB	BRL		µg/l	0.100						
2,4-DB [2C]	BRL		µg/l	0.100						
Dalapon	BRL		µg/l	0.100						
Dalapon [2C]	BRL		µg/l	0.100						
Dicamba	BRL		µg/l	0.100						
Dicamba [2C]	BRL		µg/l	0.100						
Dichlorprop	BRL		µg/l	0.100						
Dichlorprop [2C]	BRL		µg/l	0.100						
Dinoseb	BRL		µg/l	0.100						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051539 - SW846 3510C										
Blank (9051539-BLK1)										
Prepared & Analyzed: 21-May-09										
Dinoseb [2C]	BRL		µg/l	0.100						
MCPA	BRL		µg/l	1.50						
MCPA [2C]	BRL		µg/l	1.50						
MCPB	BRL		µg/l	1.50						
MCPB [2C]	BRL		µg/l	1.50						
MCPP	BRL		µg/l	1.50						
MCPP [2C]	BRL		µg/l	1.50						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.213*		µg/l		*0.200*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.206*		µg/l		*0.200*		*103*	*30-150*		
LCS (9051539-BS1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	0.346		µg/l	0.100	0.500		69	40-140		
2,4,5-T [2C]	0.324		µg/l	0.100	0.500		65	40-140		
2,4,5-TP (Silvex)	0.339		µg/l	0.100	0.500		68	40-140		
2,4,5-TP (Silvex) [2C]	0.328		µg/l	0.100	0.500		66	40-140		
2,4-D	0.329		µg/l	0.100	0.500		66	40-140		
2,4-D [2C]	0.297		µg/l	0.100	0.500		59	40-140		
2,4-DB	0.357		µg/l	0.100	0.500		71	40-140		
2,4-DB [2C]	0.312		µg/l	0.100	0.500		62	40-140		
Dalapon	0.292		µg/l	0.100	0.500		58	40-140		
Dalapon [2C]	0.322		µg/l	0.100	0.500		64	40-140		
Dicamba	0.327		µg/l	0.100	0.500		65	40-140		
Dicamba [2C]	0.360		µg/l	0.100	0.500		72	40-140		
Dichlorprop	0.383		µg/l	0.100	0.500		77	40-140		
Dichlorprop [2C]	0.364		µg/l	0.100	0.500		73	40-140		
Dinoseb	0.375		µg/l	0.100	0.500		75	40-140		
Dinoseb [2C]	0.357		µg/l	0.100	0.500		71	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.214*		µg/l		*0.200*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.206*		µg/l		*0.200*		*103*	*30-150*		
LCS (9051539-BS2)										
Prepared & Analyzed: 21-May-09										
MCPA	100		µg/l	1.50	150		67	40-140		
MCPA [2C]	119		µg/l	1.50	150		79	40-140		
MCPB	106		µg/l	1.50	150		71	40-140		
MCPB [2C]	116		µg/l	1.50	150		77	40-140		
MCPP	111		µg/l	1.50	150		74	40-140		
MCPP [2C]	105		µg/l	1.50	150		70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.219*		µg/l		*0.200*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.203*		µg/l		*0.200*		*102*	*30-150*		
LCS Dup (9051539-BSD1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	0.353		µg/l	0.100	0.500		71	40-140	2	25
2,4,5-T [2C]	0.319		µg/l	0.100	0.500		64	40-140	2	25
2,4,5-TP (Silvex)	0.351		µg/l	0.100	0.500		70	40-140	3	25
2,4,5-TP (Silvex) [2C]	0.328		µg/l	0.100	0.500		66	40-140	0	25
2,4-D	0.335		µg/l	0.100	0.500		67	40-140	2	25
2,4-D [2C]	0.361		µg/l	0.100	0.500		72	40-140	19	25
2,4-DB	0.374		µg/l	0.100	0.500		75	40-140	5	25
2,4-DB [2C]	0.309		µg/l	0.100	0.500		62	40-140	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051539 - SW846 3510C										
LCS Dup (9051539-BSD1)										
Prepared & Analyzed: 21-May-09										
Dalapon	0.274		µg/l	0.100	0.500		55	40-140	6	25
Dalapon [2C]	0.325		µg/l	0.100	0.500		65	40-140	0.9	25
Dicamba	0.337		µg/l	0.100	0.500		67	40-140	3	25
Dicamba [2C]	0.339		µg/l	0.100	0.500		68	40-140	6	25
Dichlorprop	0.356		µg/l	0.100	0.500		71	40-140	7	25
Dichlorprop [2C]	0.379		µg/l	0.100	0.500		76	40-140	4	25
Dinoseb	0.384		µg/l	0.100	0.500		77	40-140	2	25
Dinoseb [2C]	0.359		µg/l	0.100	0.500		72	40-140	0.6	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.215*		µg/l		*0.200*		*108*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.201*		µg/l		*0.200*		*100*	*30-150*		
LCS Dup (9051539-BSD2)										
Prepared & Analyzed: 21-May-09										
MCPA	102		µg/l	1.50	150		68	40-140	2	25
MCPA [2C]	122		µg/l	1.50	150		81	40-140	2	25
MCPB	108		µg/l	1.50	150		72	40-140	2	25
MCPB [2C]	116		µg/l	1.50	150		77	40-140	0	25
MCPP	112		µg/l	1.50	150		75	40-140	0.9	25
MCPP [2C]	106		µg/l	1.50	150		71	40-140	0.9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.218*		µg/l		*0.200*		*109*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.207*		µg/l		*0.200*		*104*	*30-150*		
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg wet	14.0						
alpha-BHC [2C]	BRL		µg/kg wet	14.0						
beta-BHC	BRL		µg/kg wet	14.0						
beta-BHC [2C]	BRL		µg/kg wet	14.0						
delta-BHC	BRL		µg/kg wet	14.0						
delta-BHC [2C]	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane)	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane) [2C]	BRL		µg/kg wet	14.0						
Heptachlor	BRL		µg/kg wet	14.0						
Heptachlor [2C]	BRL		µg/kg wet	14.0						
Aldrin	BRL		µg/kg wet	14.0						
Aldrin [2C]	BRL		µg/kg wet	14.0						
Heptachlor epoxide	BRL		µg/kg wet	14.0						
Heptachlor epoxide [2C]	BRL		µg/kg wet	14.0						
Endosulfan I	BRL		µg/kg wet	14.0						
Endosulfan I [2C]	BRL		µg/kg wet	14.0						
Dieldrin	BRL		µg/kg wet	14.0						
Dieldrin [2C]	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p') [2C]	BRL		µg/kg wet	14.0						
Endrin	BRL		µg/kg wet	14.0						
Endrin [2C]	BRL		µg/kg wet	14.0						
Endosulfan II	BRL		µg/kg wet	21.0						
Endosulfan II [2C]	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p') [2C]	BRL		µg/kg wet	21.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	BRL		µg/kg wet	21.0						
Endosulfan sulfate [2C]	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p') [2C]	BRL		µg/kg wet	21.0						
Methoxychlor	BRL		µg/kg wet	21.0						
Methoxychlor [2C]	BRL		µg/kg wet	21.0						
Endrin ketone	BRL		µg/kg wet	21.0						
Endrin ketone [2C]	BRL		µg/kg wet	21.0						
Endrin aldehyde	BRL		µg/kg wet	21.0						
Endrin aldehyde [2C]	BRL		µg/kg wet	21.0						
alpha-Chlordane	BRL		µg/kg wet	14.0						
alpha-Chlordane [2C]	BRL		µg/kg wet	14.0						
gamma-Chlordane	BRL		µg/kg wet	14.0						
gamma-Chlordane [2C]	BRL		µg/kg wet	14.0						
Toxaphene	BRL		µg/kg wet	280						
Toxaphene [2C]	BRL		µg/kg wet	280						
Chlordane	BRL		µg/kg wet	35.0						
Chlordane [2C]	BRL		µg/kg wet	35.0						
Alachlor	BRL		µg/kg wet	14.0						
Alachlor [2C]	BRL		µg/kg wet	14.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/kg wet		*20.0*		*47*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*BRL*		µg/kg wet		*20.0*		*30*	*30-150*		
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140		
alpha-BHC [2C]	16.6		µg/kg wet	14.0	20.0		83	40-140		
beta-BHC	17.4		µg/kg wet	14.0	20.0		87	40-140		
beta-BHC [2C]	20.0		µg/kg wet	14.0	20.0		100	40-140		
delta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140		
delta-BHC [2C]	16.9		µg/kg wet	14.0	20.0		85	40-140		
gamma-BHC (Lindane)	18.0		µg/kg wet	14.0	20.0		90	50-120		
gamma-BHC (Lindane) [2C]	16.7		µg/kg wet	14.0	20.0		84	50-120		
Heptachlor	17.6		µg/kg wet	14.0	20.0		88	40-140		
Heptachlor [2C]	17.0		µg/kg wet	14.0	20.0		85	40-140		
Aldrin	16.6		µg/kg wet	14.0	20.0		83	40-140		
Aldrin [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
Heptachlor epoxide	17.0		µg/kg wet	14.0	20.0		85	50-150		
Heptachlor epoxide [2C]	16.8		µg/kg wet	14.0	20.0		84	50-150		
Endosulfan I	14.1		µg/kg wet	14.0	20.0		70	40-140		
Endosulfan I [2C]	17.4		µg/kg wet	14.0	20.0		87	40-140		
Dieldrin	17.0		µg/kg wet	14.0	20.0		85	30-130		
Dieldrin [2C]	18.7		µg/kg wet	14.0	20.0		93	30-130		
4,4'-DDE (p,p')	16.7		µg/kg wet	14.0	20.0		83	50-150		
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150		
Endrin	16.1		µg/kg wet	14.0	20.0		81	50-120		
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		88	50-120		
Endosulfan II	16.7		µg/kg wet	14.0	20.0		83	40-140		
Endosulfan II [2C]	19.1		µg/kg wet	14.0	20.0		96	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
4,4'-DDD (p,p')	16.8		µg/kg wet	14.0	20.0		84	40-140		
4,4'-DDD (p,p') [2C]	17.6		µg/kg wet	14.0	20.0		88	40-140		
Endosulfan sulfate	16.4		µg/kg wet	14.0	20.0		82	50-120		
Endosulfan sulfate [2C]	18.7		µg/kg wet	14.0	20.0		93	50-120		
4,4'-DDT (p,p')	16.2		µg/kg wet	14.0	20.0		81	40-140		
4,4'-DDT (p,p') [2C]	16.1		µg/kg wet	14.0	20.0		81	40-140		
Methoxychlor	15.9		µg/kg wet	14.0	20.0		80	40-140		
Methoxychlor [2C]	19.7		µg/kg wet	14.0	20.0		98	40-140		
Endrin ketone	16.3		µg/kg wet	14.0	20.0		82	40-140		
Endrin ketone [2C]	19.0		µg/kg wet	14.0	20.0		95	40-140		
Endrin aldehyde	17.7		µg/kg wet	14.0	20.0		89	40-140		
Endrin aldehyde [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
alpha-Chlordane	17.1		µg/kg wet	14.0	20.0		85	40-140		
alpha-Chlordane [2C]	15.9		µg/kg wet	14.0	20.0		79	40-140		
gamma-Chlordane	16.8		µg/kg wet	14.0	20.0		84	30-130		
gamma-Chlordane [2C]	16.8		µg/kg wet	14.0	20.0		84	30-130		
Alachlor	14.9		µg/kg wet	14.0	20.0		74	40-140		
Alachlor [2C]	14.6		µg/kg wet	14.0	20.0		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.5*		µg/kg wet		*20.0*		*83*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.63*		µg/kg wet		*20.0*		*48*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*8.34*		µg/kg wet		*20.0*		*42*	*30-150*		
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140	0.4	30
alpha-BHC [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	4	30
beta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140	5	30
beta-BHC [2C]	20.1		µg/kg wet	14.0	20.0		100	40-140	0.2	30
delta-BHC	19.1		µg/kg wet	14.0	20.0		96	40-140	4	30
delta-BHC [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30
gamma-BHC (Lindane)	18.6		µg/kg wet	14.0	20.0		93	50-120	3	30
gamma-BHC (Lindane) [2C]	17.0		µg/kg wet	14.0	20.0		85	50-120	2	30
Heptachlor	18.0		µg/kg wet	14.0	20.0		90	40-140	2	30
Heptachlor [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	2	30
Aldrin	17.3		µg/kg wet	14.0	20.0		87	40-140	5	30
Aldrin [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	3	30
Heptachlor epoxide	18.2		µg/kg wet	14.0	20.0		91	50-150	7	30
Heptachlor epoxide [2C]	17.1		µg/kg wet	14.0	20.0		86	50-150	2	30
Endosulfan I	18.7		µg/kg wet	14.0	20.0		94	40-140	28	30
Endosulfan I [2C]	17.7		µg/kg wet	14.0	20.0		88	40-140	1	30
Dieldrin	17.7		µg/kg wet	14.0	20.0		88	30-130	4	30
Dieldrin [2C]	18.3		µg/kg wet	14.0	20.0		92	30-130	2	30
4,4'-DDE (p,p')	17.7		µg/kg wet	14.0	20.0		88	50-150	6	30
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150	0.006	30
Endrin	17.7		µg/kg wet	14.0	20.0		89	50-120	9	30
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		89	50-120	0.2	30
Endosulfan II	17.6		µg/kg wet	14.0	20.0		88	40-140	5	30
Endosulfan II [2C]	17.9		µg/kg wet	14.0	20.0		90	40-140	6	30
4,4'-DDD (p,p')	17.9		µg/kg wet	14.0	20.0		90	40-140	7	30
4,4'-DDD (p,p') [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	17.5		µg/kg wet	14.0	20.0		87	50-120	7	30
Endosulfan sulfate [2C]	18.3		µg/kg wet	14.0	20.0		92	50-120	2	30
4,4'-DDT (p,p')	17.7		µg/kg wet	14.0	20.0		88	40-140	9	30
4,4'-DDT (p,p') [2C]	17.1		µg/kg wet	14.0	20.0		86	40-140	6	30
Methoxychlor	16.8		µg/kg wet	14.0	20.0		84	40-140	5	30
Methoxychlor [2C]	19.2		µg/kg wet	14.0	20.0		96	40-140	2	30
Endrin ketone	17.3		µg/kg wet	14.0	20.0		86	40-140	5	30
Endrin ketone [2C]	18.1		µg/kg wet	14.0	20.0		91	40-140	5	30
Endrin aldehyde	19.4		µg/kg wet	14.0	20.0		97	40-140	9	30
Endrin aldehyde [2C]	15.6		µg/kg wet	14.0	20.0		78	40-140	1	30
alpha-Chlordane	18.1		µg/kg wet	14.0	20.0		91	40-140	6	30
alpha-Chlordane [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	9	30
gamma-Chlordane	18.2		µg/kg wet	14.0	20.0		91	30-130	8	30
gamma-Chlordane [2C]	16.9		µg/kg wet	14.0	20.0		84	30-130	0.5	30
Alachlor	17.1		µg/kg wet	14.0	20.0		85	40-140	14	30
Alachlor [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.3*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.9*		µg/kg wet		*20.0*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.7*		µg/kg wet		*20.0*		*53*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*7.98*		µg/kg wet		*20.0*		*40*	*30-150*		
Duplicate (9051599-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg dry	8.74		BRL				30
alpha-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
beta-BHC	BRL		µg/kg dry	8.74		BRL				30
beta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
delta-BHC	BRL		µg/kg dry	8.74		BRL				30
delta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane)	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane) [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor	BRL		µg/kg dry	8.74		BRL				30
Heptachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Aldrin	BRL		µg/kg dry	8.74		BRL				30
Aldrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor epoxide	BRL		µg/kg dry	8.74		BRL				30
Heptachlor epoxide [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I [2C]	BRL		µg/kg dry	8.74		BRL				30
Dieldrin	BRL		µg/kg dry	7.00		BRL				30
Dieldrin [2C]	BRL		µg/kg dry	7.00		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	8.74		BRL				30
4,4'-DDE (p,p') [2C]	BRL		µg/kg dry	8.74		BRL				30
Endrin	BRL		µg/kg dry	8.74		BRL				30
Endrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan II	BRL		µg/kg dry	13.1		BRL				30
Endosulfan II [2C]	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate [2C]	BRL		µg/kg dry	13.1		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Duplicate (9051599-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
4,4'-DDT (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDT (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde [2C]	BRL		µg/kg dry	13.1		BRL				30
alpha-Chlordane	BRL		µg/kg dry	8.74		BRL				30
alpha-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
Toxaphene	BRL		µg/kg dry	175		BRL				30
Toxaphene [2C]	BRL		µg/kg dry	175		BRL				30
Chlordane	BRL		µg/kg dry	21.9		BRL				30
Chlordane [2C]	BRL		µg/kg dry	21.9		BRL				30
Alachlor	BRL		µg/kg dry	8.74		BRL				30
Alachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.2*		µg/kg dry		*12.5*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.04*		µg/kg dry		*12.5*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.76*		µg/kg dry		*12.5*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.10*	J	µg/kg dry		*12.5*		*41*	*30-150*		
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
alpha-BHC [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
beta-BHC	11.3		µg/kg dry	8.83	12.6	BRL	90	30-150		
beta-BHC [2C]	13.6		µg/kg dry	8.83	12.6	BRL	107	30-150		
delta-BHC	13.3		µg/kg dry	8.83	12.6	BRL	105	30-150		
delta-BHC [2C]	10.2		µg/kg dry	8.83	12.6	BRL	81	30-150		
gamma-BHC (Lindane)	12.2		µg/kg dry	8.83	12.6	BRL	96	46-127		
gamma-BHC (Lindane) [2C]	9.98		µg/kg dry	8.83	12.6	BRL	79	46-127		
Heptachlor	11.5		µg/kg dry	8.83	12.6	BRL	91	35-130		
Heptachlor [2C]	10.3		µg/kg dry	8.83	12.6	BRL	81	35-130		
Aldrin	10.5		µg/kg dry	8.83	12.6	BRL	83	34-132		
Aldrin [2C]	9.43		µg/kg dry	8.83	12.6	BRL	75	34-132		
Heptachlor epoxide	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Heptachlor epoxide [2C]	10.1		µg/kg dry	8.83	12.6	BRL	80	30-150		
Endosulfan I	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Endosulfan I [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	30-150		
Dieldrin	10.6		µg/kg dry	8.83	12.6	BRL	84	31-134		
Dieldrin [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	31-134		
4,4'-DDE (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDE (p,p') [2C]	9.83		µg/kg dry	8.83	12.6	BRL	78	30-150		
Endrin	10.4		µg/kg dry	8.83	12.6	BRL	83	42-139		
Endrin [2C]	10.9		µg/kg dry	8.83	12.6	BRL	87	42-139		
Endosulfan II	10.4		µg/kg dry	8.83	12.6	BRL	82	30-150		
Endosulfan II [2C]	11.3		µg/kg dry	8.83	12.6	BRL	89	30-150		
4,4'-DDD (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDD (p,p') [2C]	10.6		µg/kg dry	8.83	12.6	BRL	84	30-150		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Endosulfan sulfate [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	30-150		
4,4'-DDT (p,p')	10.1		µg/kg dry	8.83	12.6	BRL	80	23-134		
4,4'-DDT (p,p') [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	23-134		
Methoxychlor	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
Methoxychlor [2C]	11.1		µg/kg dry	8.83	12.6	BRL	88	30-150		
Endrin ketone	9.44		µg/kg dry	8.83	12.6	BRL	75	30-150		
Endrin ketone [2C]	11.7		µg/kg dry	8.83	12.6	BRL	93	30-150		
Endrin aldehyde	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
Endrin aldehyde [2C]	9.74		µg/kg dry	8.83	12.6	BRL	77	30-150		
alpha-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
alpha-Chlordane [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
gamma-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
gamma-Chlordane [2C]	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
Alachlor	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
Alachlor [2C]	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.7*		µg/kg dry		*12.6*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.76*		µg/kg dry		*12.6*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*5.85*		µg/kg dry		*12.6*		*46*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.45*		µg/kg dry		*12.6*		*43*	*30-150*		
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	30
alpha-BHC [2C]	10.2		µg/kg dry	8.73	12.5	BRL	81	30-150	0.5	30
beta-BHC	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	6	30
beta-BHC [2C]	13.5		µg/kg dry	8.73	12.5	BRL	108	30-150	1	30
delta-BHC	12.4		µg/kg dry	8.73	12.5	BRL	99	30-150	6	30
delta-BHC [2C]	10.0		µg/kg dry	8.73	12.5	BRL	81	30-150	0.4	30
gamma-BHC (Lindane)	11.3		µg/kg dry	8.73	12.5	BRL	90	46-127	7	50
gamma-BHC (Lindane) [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	46-127	2	50
Heptachlor	10.7		µg/kg dry	8.73	12.5	BRL	86	35-130	6	31
Heptachlor [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	35-130	0.2	31
Aldrin	10.2		µg/kg dry	8.73	12.5	BRL	82	34-132	1	43
Aldrin [2C]	9.33		µg/kg dry	8.73	12.5	BRL	75	34-132	0.1	43
Heptachlor epoxide	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.7	30
Heptachlor epoxide [2C]	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	0.3	30
Endosulfan I	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	2	30
Endosulfan I [2C]	10.4		µg/kg dry	8.73	12.5	BRL	83	30-150	0.5	30
Dieldrin	10.3		µg/kg dry	8.73	12.5	BRL	83	31-134	2	38
Dieldrin [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	31-134	6	38
4,4'-DDE (p,p')	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	1	30
4,4'-DDE (p,p') [2C]	9.66		µg/kg dry	8.73	12.5	BRL	77	30-150	0.6	30
Endrin	10.3		µg/kg dry	8.73	12.5	BRL	83	42-139	0.2	45
Endrin [2C]	10.9		µg/kg dry	8.73	12.5	BRL	87	42-139	0.7	45
Endosulfan II	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	0.6	30
Endosulfan II [2C]	11.1		µg/kg dry	8.73	12.5	BRL	89	30-150	0.03	30
4,4'-DDD (p,p')	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	3	30
4,4'-DDD (p,p') [2C]	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	0.3	30
Endosulfan sulfate	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	1	30
Endosulfan sulfate [2C]	11.3		µg/kg dry	8.73	12.5	BRL	91	30-150	0.9	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
4,4'-DDT (p,p')	10.2		µg/kg dry	8.73	12.5	BRL	82	23-134	2	50
4,4'-DDT (p,p') [2C]	11.0		µg/kg dry	8.73	12.5	BRL	88	23-134	6	50
Methoxychlor	9.44		µg/kg dry	8.73	12.5	BRL	76	30-150	7	30
Methoxychlor [2C]	11.6		µg/kg dry	8.73	12.5	BRL	93	30-150	6	30
Endrin ketone	9.53		µg/kg dry	8.73	12.5	BRL	76	30-150	2	30
Endrin ketone [2C]	12.1		µg/kg dry	8.73	12.5	BRL	97	30-150	4	30
Endrin aldehyde	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	0.6	30
Endrin aldehyde [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	6	30
alpha-Chlordane	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.2	30
alpha-Chlordane [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	0.3	30
gamma-Chlordane	11.0		µg/kg dry	8.73	12.5	BRL	88	30-150	3	30
gamma-Chlordane [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	1	30
Alachlor	15.6		µg/kg dry	8.73	12.5	BRL	125	30-150	37	50
Alachlor [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.4*		µg/kg dry		*12.5*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.62*		µg/kg dry		*12.5*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.45*		µg/kg dry		*12.5*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.04*		µg/kg dry		*12.5*		*40*	*30-150*		
Batch 9051621 - SW846 3550B										
Blank (9051621-BLK1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: Decachlorobiphenyl (Sr)	*19.7*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.7*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.8*		µg/kg wet		*20.0*		*89*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.2*		µg/kg wet		*20.0*		*86*	*30-150*		
LCS (9051621-BS1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	227		µg/kg wet	20.0	250		91	50-140		
Aroclor-1016 [2C]	247		µg/kg wet	20.0	250		99	50-140		
Aroclor-1260	234		µg/kg wet	20.0	250		93	50-140		
Aroclor-1260 [2C]	249		µg/kg wet	20.0	250		100	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*20.4*		µg/kg wet		*20.0*		*102*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051621 - SW846 3550B										
LCS (9051621-BS1)										
Prepared & Analyzed: 22-May-09										
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.1*		µg/kg wet		*20.0*		*101*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*20.0*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.2*		µg/kg wet		*20.0*		*86*	*30-150*		
LCS Dup (9051621-BSD1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	209		µg/kg wet	20.0	250		83	50-140	9	30
Aroclor-1016 [2C]	235		µg/kg wet	20.0	250		94	50-140	5	30
Aroclor-1260	223		µg/kg wet	20.0	250		89	50-140	5	30
Aroclor-1260 [2C]	224		µg/kg wet	20.0	250		90	50-140	11	30
Surrogate: Decachlorobiphenyl (Sr)	*18.7*		µg/kg wet		*20.0*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.4*		µg/kg wet		*20.0*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Duplicate (9051621-DUP1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1016 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1221	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1221 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1232	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1232 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1242	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1242 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1248	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1248 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1254	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1254 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1260	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1260 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1262	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1262 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1268	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1268 [2C]	BRL		µg/kg dry	23.3		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*24.7*		µg/kg dry		*23.3*		*106*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.7*		µg/kg dry		*23.3*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg dry		*23.3*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.6*		µg/kg dry		*23.3*		*97*	*30-150*		
Matrix Spike (9051621-MS1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	252		µg/kg dry	23.7	295	BRL	85	40-135		
Aroclor-1016 [2C]	284		µg/kg dry	23.7	295	BRL	96	40-135		
Aroclor-1260	269		µg/kg dry	23.7	295	BRL	91	40-135		
Aroclor-1260 [2C]	278		µg/kg dry	23.7	295	BRL	94	40-135		
Surrogate: Decachlorobiphenyl (Sr)	*22.7*		µg/kg dry		*23.6*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.8*		µg/kg dry		*23.6*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg dry		*23.6*		*76*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*21.5*		µg/kg dry		*23.6*		*91*	*30-150*		
Matrix Spike Dup (9051621-MSD1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	282		µg/kg dry	24.6	307	BRL	92	40-135	8	15

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051621 - SW846 3550B										
Matrix Spike Dup (9051621-MSD1)	**Source: SA95070-14**									
Prepared & Analyzed: 22-May-09										
Aroclor-1016 [2C]	297		µg/kg dry	24.6	307	BRL	97	40-135	0.6	15
Aroclor-1260	297		µg/kg dry	24.6	307	BRL	97	40-135	6	20
Aroclor-1260 [2C]	293		µg/kg dry	24.6	307	BRL	95	40-135	1	20
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg dry		*24.5*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.7*		µg/kg dry		*24.5*		*97*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.4*		µg/kg dry		*24.5*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.7*		µg/kg dry		*24.5*		*93*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051512 - SW846 3510C										
Blank (9051512-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0279*		mg/l		*0.0500*		*56*	*50-150*		
LCS (9051512-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
C9-C36 Aliphatic Hydrocarbons	1.3		mg/l	0.05	1.40		96	60-120		
Surrogate: 1-Chlorooctadecane	*0.0317*		mg/l		*0.0500*		*63*	*50-150*		
Duplicate (9051512-DUP1) **Source: SA95070-24**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Gasoline	BRL		mg/l	0.1		BRL				50
Fuel Oil #2	BRL		mg/l	0.1		BRL				50
Fuel Oil #4	BRL		mg/l	0.1		BRL				50
Fuel Oil #6	BRL		mg/l	0.1		BRL				50
Motor Oil	BRL		mg/l	0.1		BRL				50
Aviation Fuel	BRL		mg/l	0.1		BRL				50
Unidentified	BRL		mg/l	0.1		BRL				50
Other Oil	BRL		mg/l	0.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/l	0.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1		BRL				50
Surrogate: 1-Chlorooctadecane	*0.0362*		mg/l		*0.0543*		*67*	*50-150*		
Batch 9051797 - SW846 3545A										
Blank (9051797-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.78*		mg/kg wet		*3.33*		*83*	*50-150*		
LCS (9051797-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
C9-C36 Aliphatic Hydrocarbons	95.7		mg/kg wet	13.3	93.3		102	60-120		
Surrogate: 1-Chlorooctadecane	*2.71*		mg/kg wet		*3.33*		*81*	*50-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051797 - SW846 3545A										
Duplicate (9051797-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
Gasoline	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	16.9		BRL				50
Motor Oil	BRL		mg/kg dry	16.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	16.9		BRL				50
Unidentified	BRL		mg/kg dry	16.9		BRL				50
Other Oil	BRL		mg/kg dry	16.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
Surrogate: 1-Chlorooctadecane	*2.01*		mg/kg dry		*2.12*		*95*	*50-150*		
Matrix Spike (9051797-MS1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
C9-C36 Aliphatic Hydrocarbons	110		mg/kg dry	16.9	118	BRL	93	50-150		
Surrogate: 1-Chlorooctadecane	*3.49*		mg/kg dry		*4.23*		*83*	*50-150*		
Matrix Spike Dup (9051797-MSD1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
C9-C36 Aliphatic Hydrocarbons	105		mg/kg dry	17.1	120	BRL	88	50-150	6	30
Surrogate: 1-Chlorooctadecane	*3.32*		mg/kg dry		*4.27*		*78*	*50-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Blank (9051808-BLK1)										
Prepared: 27-May-09 Analyzed: 29-May-09										
Nickel	BRL		mg/kg wet	0.982						
Vanadium	BRL		mg/kg wet	1.47						
Selenium	BRL		mg/kg wet	1.47						
Lead	BRL		mg/kg wet	1.47						
Thallium	BRL		mg/kg wet	2.95						
Antimony	BRL		mg/kg wet	4.91						
Zinc	BRL		mg/kg wet	0.982						
Arsenic	BRL		mg/kg wet	1.47						
Beryllium	BRL		mg/kg wet	0.491						
Chromium	BRL		mg/kg wet	0.982						
Cadmium	BRL		mg/kg wet	0.491						
Copper	BRL		mg/kg wet	0.982						
Silver	BRL		mg/kg wet	1.47						
Barium	BRL		mg/kg wet	0.982						
Duplicate (9051808-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Vanadium	50.4	QR6	mg/kg dry	1.52		34.7			37	20
Thallium	BRL		mg/kg dry	3.04		BRL				20
Selenium	2.54		mg/kg dry	1.52		2.49			2	20
Antimony	2.25	J	mg/kg dry	5.07		2.18			3	20
Nickel	14.5		mg/kg dry	1.01		14.5			0.3	20
Lead	130		mg/kg dry	1.52		129			0.9	20
Zinc	92.0		mg/kg dry	1.01		95.2			3	20
Arsenic	7.43		mg/kg dry	1.52		7.10			5	20
Cadmium	0.502	J	mg/kg dry	0.507		0.567			12	20
Beryllium	0.309	J,QR8	mg/kg dry	0.507		0.251			21	20
Silver	BRL		mg/kg dry	1.52		BRL				20
Chromium	16.1		mg/kg dry	1.01		13.9			14	20
Copper	131		mg/kg dry	1.01		138			5	20
Barium	37.8		mg/kg dry	1.01		34.6			9	20
Matrix Spike (9051808-MS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Antimony	85.9	QM8	mg/kg dry	5.39	135	1.29	63	75-125		
Vanadium	151		mg/kg dry	1.62	135	33.9	87	75-125		
Lead	261		mg/kg dry	1.62	135	106	115	75-125		
Selenium	131		mg/kg dry	1.62	135	2.36	96	75-125		
Nickel	150		mg/kg dry	1.08	135	20.8	96	75-125		
Thallium	126		mg/kg dry	3.23	135	BRL	93	75-125		
Zinc	233		mg/kg dry	1.08	135	89.0	107	75-125		
Chromium	137		mg/kg dry	1.08	135	16.7	89	75-125		
Cadmium	124		mg/kg dry	0.539	135	0.890	91	75-125		
Copper	257		mg/kg dry	1.08	135	115	106	75-125		
Beryllium	124		mg/kg dry	0.539	135	0.388	92	75-125		
Silver	128		mg/kg dry	1.62	135	BRL	95	75-125		
Arsenic	148		mg/kg dry	1.62	135	22.2	93	75-125		
Barium	200		mg/kg dry	1.08	135	64.4	101	75-125		
Matrix Spike Dup (9051808-MSD1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 29-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Matrix Spike Dup (9051808-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 29-May-09										
Antimony	94.4	QM8	mg/kg dry	5.71	143	1.29	65	75-125	9	20
Zinc	241		mg/kg dry	1.14	143	89.0	106	75-125	3	20
Thallium	134		mg/kg dry	3.42	143	BRL	94	75-125	7	20
Nickel	160		mg/kg dry	1.14	143	20.8	98	75-125	7	20
Lead	255		mg/kg dry	1.71	143	106	105	75-125	2	20
Vanadium	165		mg/kg dry	1.71	143	33.9	92	75-125	9	20
Selenium	139		mg/kg dry	1.71	143	2.36	96	75-125	6	20
Arsenic	154		mg/kg dry	1.71	143	22.2	93	75-125	4	20
Silver	136		mg/kg dry	1.71	143	BRL	95	75-125	6	20
Beryllium	129		mg/kg dry	0.571	143	0.388	90	75-125	4	20
Chromium	147		mg/kg dry	1.14	143	16.7	91	75-125	7	20
Copper	261		mg/kg dry	1.14	143	115	102	75-125	1	20
Cadmium	133		mg/kg dry	0.571	143	0.890	93	75-125	7	20
Barium	208		mg/kg dry	1.14	143	64.4	101	75-125	4	20
Post Spike (9051808-PS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 29-May-09										
Thallium	254		mg/kg dry	3.12	260	BRL	98	80-120		
Selenium	255		mg/kg dry	1.56	260	2.36	97	80-120		
Antimony	246		mg/kg dry	5.20	260	1.29	94	80-120		
Vanadium	267		mg/kg dry	1.56	260	33.9	90	80-120		
Lead	373		mg/kg dry	1.56	260	106	102	80-120		
Nickel	280		mg/kg dry	1.04	260	20.8	100	80-120		
Zinc	338		mg/kg dry	1.04	260	89.0	96	80-120		
Chromium	258		mg/kg dry	1.04	260	16.7	93	80-120		
Silver	236		mg/kg dry	1.56	260	BRL	91	80-120		
Arsenic	271		mg/kg dry	1.56	260	22.2	96	80-120		
Copper	401		mg/kg dry	1.04	260	115	110	80-120		
Cadmium	245		mg/kg dry	0.520	260	0.890	94	80-120		
Beryllium	244		mg/kg dry	0.520	260	0.388	93	80-120		
Barium	310		mg/kg dry	1.04	260	64.4	94	80-120		
Reference (9051808-SRM1)										
Prepared: 27-May-09 Analyzed: 30-May-09										
Antimony	27.4		mg/kg wet	5.00	63.4		43	21.03-251.6		
Selenium	77.8		mg/kg wet	1.50	74.0		105	67.1-132.7		
Lead	134		mg/kg wet	1.50	112		119	75.3-125.1		
Nickel	82.8		mg/kg wet	1.00	86.6		96	73.8-126.7		
Vanadium	47.7		mg/kg wet	1.50	47.3		101	64.5-135.3		
Zinc	182		mg/kg wet	1.00	176		103	72.2-127.8		
Thallium	87.8		mg/kg wet	3.00	87.1		101	68.8-131.2		
Cadmium	32.3		mg/kg wet	0.500	34.8		93	73.2-126.8		
Chromium	59.8		mg/kg wet	1.00	62.4		96	69.9-129.8		
Beryllium	79.4		mg/kg wet	0.500	81.6		97	75.3-124.7		
Copper	37.8		mg/kg wet	1.00	33.6		112	73.2-126.8		
Arsenic	116		mg/kg wet	1.50	113		102	71.1-128.9		
Silver	17.7		mg/kg wet	1.50	17.7		100	65.6-134.4		
Barium	292		mg/kg wet	1.00	284		103	74.7-125.5		
Reference (9051808-SRM2)										
Prepared: 27-May-09 Analyzed: 30-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Reference (9051808-SRM2)										
Prepared: 27-May-09 Analyzed: 30-May-09										
Zinc	185		mg/kg wet	1.00	179		103	72.2-127.8		
Thallium	87.8		mg/kg wet	3.00	88.8		99	68.8-131.2		
Selenium	77.6		mg/kg wet	1.50	75.4		103	67.1-132.7		
Lead	111		mg/kg wet	1.50	114		97	75.3-125.1		
Antimony	27.3		mg/kg wet	5.00	64.7		42	21.03-251.6		
Nickel	87.1		mg/kg wet	1.00	88.3		99	73.8-126.7		
Vanadium	46.4		mg/kg wet	1.50	48.2		96	64.5-135.3		
Copper	34.9		mg/kg wet	1.00	34.2		102	73.2-126.8		
Silver	17.6		mg/kg wet	1.50	18.1		98	65.6-134.4		
Arsenic	111		mg/kg wet	1.50	115		96	71.1-128.9		
Beryllium	78.4		mg/kg wet	0.500	83.1		94	75.3-124.7		
Chromium	59.4		mg/kg wet	1.00	63.6		93	69.9-129.8		
Cadmium	33.6		mg/kg wet	0.500	35.5		95	73.2-126.8		
Barium	283		mg/kg wet	1.00	290		98	74.7-125.5		
Batch 9051809 - EPA200/SW7000 Series										
Blank (9051809-BLK1)										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/kg wet	0.0277						
Duplicate (9051809-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.0855		mg/kg dry	0.0296		0.0938			9	20
Matrix Spike (9051809-MS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.709	QM8	mg/kg dry	0.0322	0.447	0.472	53	75-125		
Matrix Spike Dup (9051809-MSD1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.974	QR7	mg/kg dry	0.0326	0.452	0.472	111	75-125	31	20
Post Spike (9051809-PS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.951		mg/kg dry	0.0335	0.465	0.472	103	80-120		
Reference (9051809-SRM1)										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	1.30		mg/kg wet	0.0300	1.35		96	71.7-128.3		
Batch 9051811 - SW846 3005A										
Blank (9051811-BLK1)										
Prepared & Analyzed: 29-May-09										
Zinc	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Antimony	BRL		mg/l	0.0060						
Thallium	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Beryllium	BRL		mg/l	0.0020						

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 9051811 - SW846 3005A										
Blank (9051811-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (9051811-BS1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Antimony	1.41		mg/l	0.0060	1.25		113	85-115		
Nickel	1.24		mg/l	0.0050	1.25		99	85-115		
Lead	1.28		mg/l	0.0075	1.25		102	85-115		
Zinc	1.32		mg/l	0.0050	1.25		106	85-115		
Thallium	1.24		mg/l	0.0050	1.25		100	85-115		
Selenium	1.45	QC1	mg/l	0.0150	1.25		116	85-115		
Copper	1.34		mg/l	0.0050	1.25		107	85-115		
Vanadium	1.33		mg/l	0.0050	1.25		107	85-115		
Silver	1.26		mg/l	0.0050	1.25		101	85-115		
Cadmium	1.31		mg/l	0.0025	1.25		105	85-115		
Beryllium	1.34		mg/l	0.0020	1.25		107	85-115		
Chromium	1.38		mg/l	0.0050	1.25		110	85-115		
Arsenic	1.41		mg/l	0.0040	1.25		113	85-115		
Barium	1.29		mg/l	0.0050	1.25		103	85-115		
LCS Dup (9051811-BSD1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Antimony	1.40		mg/l	0.0060	1.25		112	85-115	0.9	20
Selenium	1.44		mg/l	0.0150	1.25		115	85-115	0.5	20
Zinc	1.30		mg/l	0.0050	1.25		104	85-115	2	20
Nickel	1.22		mg/l	0.0050	1.25		98	85-115	1	20
Lead	1.26		mg/l	0.0075	1.25		101	85-115	1	20
Thallium	1.23		mg/l	0.0050	1.25		98	85-115	2	20
Copper	1.32		mg/l	0.0050	1.25		105	85-115	2	20
Vanadium	1.32		mg/l	0.0050	1.25		106	85-115	0.9	20
Beryllium	1.33		mg/l	0.0020	1.25		106	85-115	0.3	20
Silver	1.25		mg/l	0.0050	1.25		100	85-115	1	20
Barium	1.29		mg/l	0.0050	1.25		103	85-115	0.3	20
Arsenic	1.40		mg/l	0.0040	1.25		112	85-115	0.9	20
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115	0.8	20
Chromium	1.37		mg/l	0.0050	1.25		110	85-115	0.3	20
Duplicate (9051811-DUP1)	**Source: SA95070-20**									
Prepared & Analyzed: 29-May-09										
Zinc	0.249		mg/l	0.0050		0.247			0.9	20
Nickel	0.0432		mg/l	0.0050		0.0432			0	20
Selenium	BRL		mg/l	0.0150		BRL				20
Antimony	0.0053	J	mg/l	0.0060		0.0048			11	20
Thallium	0.0079		mg/l	0.0050		0.0090			13	20
Lead	0.0256		mg/l	0.0075		0.0270			6	20
Beryllium	0.0020	QR8	mg/l	0.0020		0.0016			25	20
Vanadium	0.0604		mg/l	0.0050		0.0588			3	20
Arsenic	0.0097		mg/l	0.0040		0.0089			9	20
Barium	0.214		mg/l	0.0050		0.209			2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051811 - SW846 3005A										
Duplicate (9051811-DUP1)	**Source: SA95070-20**									
Prepared & Analyzed: 29-May-09										
Copper	0.0856		mg/l	0.0050		0.0860			0.5	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	0.0356		mg/l	0.0050		0.0351			1	20
Silver	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9051811-MS1)	**Source: SA95070-21**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Selenium	1.44		mg/l	0.0150	1.25	BRL	115	75-125		
Nickel	1.22		mg/l	0.0050	1.25	0.0034	97	75-125		
Antimony	1.39		mg/l	0.0060	1.25	BRL	111	75-125		
Zinc	1.35		mg/l	0.0050	1.25	0.0264	106	75-125		
Lead	1.27		mg/l	0.0075	1.25	BRL	101	75-125		
Thallium	1.26		mg/l	0.0050	1.25	0.0086	100	75-125		
Barium	1.34		mg/l	0.0050	1.25	0.0485	104	75-125		
Arsenic	1.41		mg/l	0.0040	1.25	0.0027	113	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Chromium	1.34		mg/l	0.0050	1.25	0.0046	107	75-125		
Beryllium	1.33		mg/l	0.0020	1.25	BRL	106	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	100	75-125		
Copper	1.41		mg/l	0.0050	1.25	0.0019	113	75-125		
Vanadium	1.32		mg/l	0.0050	1.25	BRL	105	70-130		
Matrix Spike Dup (9051811-MSD1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Nickel	1.23		mg/l	0.0050	1.25	0.0034	98	75-125	1	20
Selenium	1.44		mg/l	0.0150	1.25	BRL	115	75-125	0.4	20
Zinc	1.35		mg/l	0.0050	1.25	0.0264	106	75-125	0.07	20
Thallium	1.27		mg/l	0.0050	1.25	0.0086	101	75-125	0.7	20
Antimony	1.40		mg/l	0.0060	1.25	BRL	112	75-125	0.6	20
Lead	1.28		mg/l	0.0075	1.25	BRL	102	75-125	1	20
Cadmium	1.28		mg/l	0.0025	1.25	BRL	102	75-125	2	20
Copper	1.41		mg/l	0.0050	1.25	0.0019	113	75-125	0.2	20
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125	1	20
Chromium	1.36		mg/l	0.0050	1.25	0.0046	109	75-125	1	20
Beryllium	1.34		mg/l	0.0020	1.25	BRL	107	75-125	0.9	20
Arsenic	1.41		mg/l	0.0040	1.25	0.0027	113	75-125	0.4	20
Barium	1.35		mg/l	0.0050	1.25	0.0485	104	75-125	0.3	20
Vanadium	1.33		mg/l	0.0050	1.25	BRL	106	70-130	1	20
Post Spike (9051811-PS1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Lead	1.23		mg/l	0.0075	1.25	BRL	98	80-120		
Thallium	1.22		mg/l	0.0050	1.25	0.0086	97	80-120		
Antimony	1.38		mg/l	0.0060	1.25	BRL	110	80-120		
Zinc	1.29		mg/l	0.0050	1.25	0.0264	101	80-120		
Selenium	1.42		mg/l	0.0150	1.25	BRL	114	80-120		
Nickel	1.18		mg/l	0.0050	1.25	0.0034	94	80-120		
Cadmium	1.23		mg/l	0.0025	1.25	BRL	99	80-120		
Copper	1.34		mg/l	0.0050	1.25	0.0019	107	80-120		
Vanadium	1.27		mg/l	0.0050	1.25	BRL	102	80-120		
Silver	1.24		mg/l	0.0050	1.25	BRL	99	80-120		

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 9051811 - SW846 3005A										
Post Spike (9051811-PS1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Barium	1.29		mg/l	0.0050	1.25	0.0485	99	80-120		
Arsenic	1.39		mg/l	0.0040	1.25	0.0027	111	80-120		
Beryllium	1.28		mg/l	0.0020	1.25	BRL	103	80-120		
Chromium	1.31		mg/l	0.0050	1.25	0.0046	105	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051812 - EPA200/SW7000 Series										
Blank (9051812-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051812-BS1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00502		mg/l	0.00020	0.00500		100	85-115		
Duplicate (9051812-DUP1)	**Source: SA95070-22**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051812-MS1)	**Source: SA95070-23**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00563		mg/l	0.00020	0.00500	0.00036	105	75-125		
Matrix Spike Dup (9051812-MSD1)	**Source: SA95070-23**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00621		mg/l	0.00020	0.00500	0.00036	117	75-125	10	20
Post Spike (9051812-PS1)	**Source: SA95070-23**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00533		mg/l	0.00020	0.00500	0.00036	99	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051780 - SW846 3005A										
Blank (9051780-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (9051780-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.36		mg/l	0.0150	1.25		109	85-115		
Lead	1.35		mg/l	0.0075	1.25		108	85-115		
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115		
Silver	1.30		mg/l	0.0050	1.25		104	85-115		
Chromium	1.30		mg/l	0.0050	1.25		104	85-115		
Barium	1.38		mg/l	0.0050	1.25		110	85-115		
Arsenic	1.31		mg/l	0.0040	1.25		105	85-115		
LCS Dup (9051780-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.21		mg/l	0.0150	1.25		97	85-115	11	20
Lead	1.21		mg/l	0.0075	1.25		97	85-115	11	20
Barium	1.22		mg/l	0.0050	1.25		98	85-115	12	20
Silver	1.17		mg/l	0.0050	1.25		93	85-115	11	20
Arsenic	1.18		mg/l	0.0040	1.25		94	85-115	11	20
Cadmium	1.19		mg/l	0.0025	1.25		95	85-115	11	20
Chromium	1.16		mg/l	0.0050	1.25		92	85-115	12	20
Duplicate (9051780-DUP1) **Source: SA95033-01**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0012	J	mg/l	0.0025		0.0013			8	20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.819		mg/l	0.0050		0.812			0.9	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9051780-MS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.25		mg/l	0.0150	1.25	BRL	100	75-125		
Lead	1.18		mg/l	0.0075	1.25	BRL	94	75-125		
Barium	1.28		mg/l	0.0050	1.25	0.0776	96	75-125		
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	75-125		
Cadmium	1.18		mg/l	0.0025	1.25	0.0012	94	75-125		
Silver	1.17		mg/l	0.0050	1.25	BRL	94	75-125		
Arsenic	1.23		mg/l	0.0040	1.25	BRL	98	75-125		
Matrix Spike Dup (9051780-MSD1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	75-125	0.8	20
Lead	1.15		mg/l	0.0075	1.25	BRL	92	75-125	2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051780 - SW846 3005A										
Matrix Spike Dup (9051780-MSD1)	**Source: SA95070-20**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Arsenic	1.21		mg/l	0.0040	1.25	BRL	96	75-125	2	20
Silver	1.16		mg/l	0.0050	1.25	BRL	93	75-125	1	20
Barium	1.29		mg/l	0.0050	1.25	0.0776	97	75-125	0.7	20
Chromium	1.11		mg/l	0.0050	1.25	BRL	89	75-125	2	20
Cadmium	1.14		mg/l	0.0025	1.25	0.0012	91	75-125	3	20
Post Spike (9051780-PS1)	**Source: SA95070-20**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	80-120		
Lead	1.17		mg/l	0.0075	1.25	BRL	94	80-120		
Arsenic	1.23		mg/l	0.0040	1.25	BRL	98	80-120		
Cadmium	1.16		mg/l	0.0025	1.25	0.0012	93	80-120		
Silver	1.17		mg/l	0.0050	1.25	BRL	93	80-120		
Barium	1.28		mg/l	0.0050	1.25	0.0776	96	80-120		
Chromium	1.12		mg/l	0.0050	1.25	BRL	89	80-120		
Batch 9052037 - SW846 3005A										
Blank (9052037-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	BRL		mg/l	0.0075						
Antimony	BRL		mg/l	0.0060						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Copper	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
LCS (9052037-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Nickel	1.27		mg/l	0.0050	1.25		102	85-115		
Selenium	1.30		mg/l	0.0150	1.25		104	85-115		
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Lead	1.25		mg/l	0.0075	1.25		100	85-115		
Thallium	1.27		mg/l	0.0050	1.25		102	85-115		
Zinc	1.24		mg/l	0.0050	1.25		99	85-115		
Silver	1.24		mg/l	0.0050	1.25		99	85-115		
Cadmium	1.25		mg/l	0.0025	1.25		100	85-115		
Vanadium	1.25		mg/l	0.0050	1.25		100	85-115		
Chromium	1.23		mg/l	0.0050	1.25		98	85-115		
Copper	1.26		mg/l	0.0050	1.25		101	85-115		
Arsenic	1.25		mg/l	0.0040	1.25		100	85-115		
Beryllium	1.32		mg/l	0.0020	1.25		106	85-115		
Barium	1.32		mg/l	0.0050	1.25		105	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052037 - SW846 3005A										
LCS Dup (9052037-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Antimony	1.22		mg/l	0.0060	1.25		97	85-115	1	20
Thallium	1.28		mg/l	0.0050	1.25		102	85-115	0.7	20
Nickel	1.28		mg/l	0.0050	1.25		103	85-115	0.6	20
Selenium	1.31		mg/l	0.0150	1.25		105	85-115	0.6	20
Lead	1.26		mg/l	0.0075	1.25		101	85-115	0.9	20
Zinc	1.25		mg/l	0.0050	1.25		100	85-115	0.7	20
Copper	1.28		mg/l	0.0050	1.25		102	85-115	1	20
Cadmium	1.26		mg/l	0.0025	1.25		101	85-115	0.8	20
Arsenic	1.26		mg/l	0.0040	1.25		101	85-115	0.6	20
Beryllium	1.34		mg/l	0.0020	1.25		108	85-115	2	20
Vanadium	1.26		mg/l	0.0050	1.25		100	85-115	0.4	20
Barium	1.29		mg/l	0.0050	1.25		104	85-115	2	20
Chromium	1.24		mg/l	0.0050	1.25		99	85-115	0.9	20
Silver	1.25		mg/l	0.0050	1.25		100	85-115	0.9	20
Duplicate (9052037-DUP1) **Source: SA95070-21**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	BRL		mg/l	0.0075		BRL				20
Zinc	0.0194		mg/l	0.0050		0.0198			3	20
Thallium	BRL		mg/l	0.0050		BRL				20
Nickel	0.0022	J	mg/l	0.0050		0.0022			5	20
Antimony	BRL		mg/l	0.0060		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Copper	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0006	J	mg/l	0.0025		0.0006			12	20
Vanadium	BRL		mg/l	0.0050		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	0.0472		mg/l	0.0050		0.0445			6	20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9052037-MS1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	1.12		mg/l	0.0075	1.25	BRL	90	75-125		
Thallium	1.20		mg/l	0.0050	1.25	BRL	96	75-125		
Nickel	1.15		mg/l	0.0050	1.25	0.0054	91	75-125		
Selenium	1.32		mg/l	0.0150	1.25	BRL	105	75-125		
Zinc	1.14		mg/l	0.0050	1.25	0.0176	90	75-125		
Antimony	1.21		mg/l	0.0060	1.25	BRL	97	75-125		
Barium	1.42		mg/l	0.0050	1.25	0.167	100	75-125		
Cadmium	1.14		mg/l	0.0025	1.25	0.0004	91	75-125		
Silver	1.28		mg/l	0.0050	1.25	BRL	102	75-125		
Chromium	1.16		mg/l	0.0050	1.25	BRL	93	75-125		
Beryllium	1.28		mg/l	0.0020	1.25	BRL	103	75-125		
Arsenic	1.28		mg/l	0.0040	1.25	0.0049	102	75-125		
Copper	1.27		mg/l	0.0050	1.25	BRL	101	75-125		
Vanadium	1.22		mg/l	0.0050	1.25	0.0020	97	70-130		
Matrix Spike Dup (9052037-MSD1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052037 - SW846 3005A										
Matrix Spike Dup (9052037-MSD1)	**Source: SA95070-23**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	1.12		mg/l	0.0075	1.25	BRL	90	75-125	0.2	20
Nickel	1.15		mg/l	0.0050	1.25	0.0054	91	75-125	0.09	20
Antimony	1.21		mg/l	0.0060	1.25	BRL	97	75-125	0	20
Selenium	1.32		mg/l	0.0150	1.25	BRL	106	75-125	0.6	20
Thallium	1.19		mg/l	0.0050	1.25	BRL	95	75-125	0.5	20
Zinc	1.13		mg/l	0.0050	1.25	0.0176	89	75-125	0.8	20
Beryllium	1.28		mg/l	0.0020	1.25	BRL	102	75-125	0.4	20
Cadmium	1.14		mg/l	0.0025	1.25	0.0004	91	75-125	0.5	20
Arsenic	1.28		mg/l	0.0040	1.25	0.0049	102	75-125	0.1	20
Copper	1.26		mg/l	0.0050	1.25	BRL	101	75-125	0.3	20
Vanadium	1.20		mg/l	0.0050	1.25	0.0020	96	70-130	1	20
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	75-125	2	20
Barium	1.41		mg/l	0.0050	1.25	0.167	99	75-125	0.9	20
Silver	1.26		mg/l	0.0050	1.25	BRL	100	75-125	2	20
Post Spike (9052037-PS1)	**Source: SA95070-23**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.32		mg/l	0.0150	1.25	BRL	105	80-120		
Nickel	1.14		mg/l	0.0050	1.25	0.0054	91	80-120		
Zinc	1.12		mg/l	0.0050	1.25	0.0176	88	80-120		
Antimony	1.20		mg/l	0.0060	1.25	BRL	96	80-120		
Lead	1.12		mg/l	0.0075	1.25	BRL	89	80-120		
Thallium	1.18		mg/l	0.0050	1.25	BRL	94	80-120		
Arsenic	1.27		mg/l	0.0040	1.25	0.0049	101	80-120		
Barium	1.42		mg/l	0.0050	1.25	0.167	100	80-120		
Silver	1.25		mg/l	0.0050	1.25	BRL	100	80-120		
Beryllium	1.26		mg/l	0.0020	1.25	BRL	101	80-120		
Copper	1.25		mg/l	0.0050	1.25	BRL	100	80-120		
Cadmium	1.13		mg/l	0.0025	1.25	0.0004	90	80-120		
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	80-120		
Vanadium	1.21		mg/l	0.0050	1.25	0.0020	96	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051781 - EPA200/SW7000 Series										
Blank (9051781-BLK1)										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051781-BS1)										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00462		mg/l	0.00020	0.00500		92	85-115		
Duplicate (9051781-DUP1) **Source: SA95033-01**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051781-MS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00498		mg/l	0.00020	0.00500	BRL	100	75-125		
Matrix Spike Dup (9051781-MSD1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00508		mg/l	0.00020	0.00500	BRL	102	75-125	2	20
Post Spike (9051781-PS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00485		mg/l	0.00020	0.00500	BRL	97	85-115		
Batch 9052039 - EPA200/SW7000 Series										
Blank (9052039-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9052039-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00472		mg/l	0.00020	0.00500		94	85-115		
Duplicate (9052039-DUP1) **Source: SA95070-21**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9052039-MS1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00352	QM7	mg/l	0.00020	0.00500	BRL	70	75-125		
Matrix Spike Dup (9052039-MSD1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00374		mg/l	0.00020	0.00500	BRL	75	75-125	6	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051596 - EPA200/SW7000 Series										
Blank (9051596-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051596-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00455		mg/l	0.00020	0.00500		91	69.2-107		
Duplicate (9051596-DUP1) **Source: SA95070-12**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020		0.00016				20
Matrix Spike (9051596-MS1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00496		mg/l	0.00020	0.00500	BRL	99	57.8-123		
Matrix Spike Dup (9051596-MSD1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00490		mg/l	0.00020	0.00500	BRL	98	57.8-123	1	20
Post Spike (9051596-PS1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00466		mg/l	0.00020	0.00500	BRL	93	70-112		
Batch 9051600 - SW846 3010A										
Blank (9051600-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0500						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Lead	BRL		mg/l	0.0075						
Zinc	BRL		mg/l	0.150						
Chromium	BRL		mg/l	0.125						
Arsenic	BRL		mg/l	0.0100						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (9051600-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Vanadium	1.25		mg/l	0.0500	1.25		100	85-115		
Zinc	1.38		mg/l	0.150	1.25		110	85-115		
Selenium	1.49	QC2	mg/l	0.0150	1.25		119	85-115		
Antimony	1.29		mg/l	0.0060	1.25		103	85-115		
Lead	1.11		mg/l	0.0075	1.25		89	85-115		
Nickel	1.17		mg/l	0.0050	1.25		94	85-115		
Thallium	1.40		mg/l	0.0050	1.25		112	85-115		
Copper	1.36		mg/l	0.0050	1.25		109	85-115		
Chromium	1.24		mg/l	0.125	1.25		99	85-115		
Arsenic	1.40		mg/l	0.0100	1.25		112	85-115		
Silver	1.46	QC2	mg/l	0.0050	1.25		117	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051600 - SW846 3010A										
LCS (9051600-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Beryllium	1.38		mg/l	0.0020	1.25		111	85-115		
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115		
Barium	1.29		mg/l	0.0050	1.25		103	85-115		
LCS Dup (9051600-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.35		mg/l	0.150	1.25		108	85-115	2	20
Vanadium	1.24		mg/l	0.0500	1.25		99	85-115	0.4	20
Selenium	1.49	QC2	mg/l	0.0150	1.25		119	85-115	0.1	20
Antimony	1.31		mg/l	0.0060	1.25		105	85-115	2	20
Lead	1.10		mg/l	0.0075	1.25		88	85-115	0.9	20
Nickel	1.16		mg/l	0.0050	1.25		93	85-115	1	20
Thallium	1.38		mg/l	0.0050	1.25		110	85-115	2	20
Chromium	1.22		mg/l	0.125	1.25		98	85-115	1	20
Cadmium	1.29		mg/l	0.0025	1.25		103	85-115	0.9	20
Copper	1.37		mg/l	0.0050	1.25		109	85-115	0.3	20
Arsenic	1.39		mg/l	0.0100	1.25		111	85-115	0.8	20
Silver	1.46	QC2	mg/l	0.0050	1.25		117	85-115	0	104
Beryllium	1.40		mg/l	0.0020	1.25		112	85-115	1	20
Barium	1.29		mg/l	0.0050	1.25		103	85-115	0	20
Duplicate (9051600-DUP1) **Source: SA95106-01**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Lead	1.41		mg/l	0.0075		1.19			17	20
Thallium	BRL		mg/l	0.0050		BRL				20
Nickel	0.0294		mg/l	0.0050		0.0300			2	20
Selenium	0.0085	J	mg/l	0.0150		0.0094			10	20
Antimony	BRL		mg/l	0.0060		0.0018				20
Zinc	1.39		mg/l	0.150		1.41			2	20
Vanadium	BRL		mg/l	0.0500		BRL				20
Cadmium	0.0032		mg/l	0.0025		0.0036			12	20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0100	J,QR8	mg/l	0.125		0.0076			28	20
Copper	0.0148	QR6	mg/l	0.0050		0.0458			102	20
Beryllium	BRL		mg/l	0.0020		0.0006				20
Arsenic	0.0030	J,QR8	mg/l	0.0100		0.0054			57	20
Barium	1.08		mg/l	0.0050		0.890			19	20
Matrix Spike (9051600-MS1) **Source: SA95113-01**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Lead	1.13		mg/l	0.0075	1.25	0.0081	90	75-125		
Vanadium	1.27		mg/l	0.0500	1.25	BRL	101	75-125		
Thallium	1.39		mg/l	0.0050	1.25	BRL	111	75-125		
Nickel	1.19		mg/l	0.0050	1.25	0.0125	94	75-125		
Antimony	1.34		mg/l	0.0060	1.25	BRL	107	75-125		
Zinc	1.43		mg/l	0.150	1.25	0.138	104	75-125		
Selenium	1.55		mg/l	0.0150	1.25	0.0082	123	75-125		
Silver	1.47		mg/l	0.0050	1.25	BRL	118	75-125		
Chromium	1.23		mg/l	0.125	1.25	0.0062	98	75-125		
Arsenic	1.44		mg/l	0.0100	1.25	BRL	115	75-125		
Copper	1.42		mg/l	0.0050	1.25	0.0178	112	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051600 - SW846 3010A										
Matrix Spike (9051600-MS1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Beryllium	1.40		mg/l	0.0020	1.25	0.0005	112	75-125		
Cadmium	1.30		mg/l	0.0025	1.25	0.0008	104	75-125		
Barium	2.31		mg/l	0.0050	1.25	1.01	104	75-125		
Matrix Spike Dup (9051600-MSD1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Selenium	1.56		mg/l	0.0150	1.25	0.0082	125	75-125	1	20
Antimony	1.36		mg/l	0.0060	1.25	BRL	108	75-125	0.9	20
Vanadium	1.29		mg/l	0.0500	1.25	BRL	103	75-125	2	20
Lead	1.15		mg/l	0.0075	1.25	0.0081	92	75-125	2	20
Zinc	1.45		mg/l	0.150	1.25	0.138	105	75-125	1	20
Thallium	1.49		mg/l	0.0050	1.25	BRL	119	75-125	7	20
Nickel	1.21		mg/l	0.0050	1.25	0.0125	95	75-125	1	20
Copper	1.44		mg/l	0.0050	1.25	0.0178	114	75-125	2	20
Cadmium	1.32		mg/l	0.0025	1.25	0.0008	106	75-125	1	20
Silver	1.52		mg/l	0.0050	1.25	BRL	121	75-125	3	20
Beryllium	1.43		mg/l	0.0020	1.25	0.0005	115	75-125	2	20
Arsenic	1.46		mg/l	0.0100	1.25	BRL	117	75-125	1	20
Chromium	1.25		mg/l	0.125	1.25	0.0062	100	75-125	2	20
Barium	2.32		mg/l	0.0050	1.25	1.01	105	75-125	0.2	20
Post Spike (9051600-PS1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 27-May-09										
Thallium	1.43		mg/l	0.0050	1.25	BRL	115	75-125		
Selenium	1.57		mg/l	0.0150	1.25	0.0082	125	75-125		
Lead	1.14		mg/l	0.0075	1.25	0.0081	91	75-125		
Vanadium	1.28		mg/l	0.0500	1.25	BRL	102	75-125		
Nickel	1.20		mg/l	0.0050	1.25	0.0125	95	75-125		
Antimony	1.35		mg/l	0.0060	1.25	BRL	108	75-125		
Zinc	1.45		mg/l	0.150	1.25	0.138	105	75-125		
Silver	1.50		mg/l	0.0050	1.25	BRL	120	75-125		
Arsenic	1.46		mg/l	0.0100	1.25	BRL	117	75-125		
Cadmium	1.31		mg/l	0.0025	1.25	0.0008	105	75-125		
Copper	1.43		mg/l	0.0050	1.25	0.0178	113	75-125		
Beryllium	1.42		mg/l	0.0020	1.25	0.0005	114	75-125		
Chromium	1.24		mg/l	0.125	1.25	0.0062	99	75-125		
Barium	2.32		mg/l	0.0050	1.25	1.01	105	75-125		
Batch 9051601 - EPA200/SW7000 Series										
Blank (9051601-BLK1)										
Prepared & Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051601-BS1)										
Prepared & Analyzed: 26-May-09										
Mercury	0.00449		mg/l	0.00020	0.00500		90	69.2-107		
Duplicate (9051601-DUP1)	**Source: SA95106-01**									
Prepared & Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051601 - EPA200/SW7000 Series										
Matrix Spike (9051601-MS1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00440		mg/l	0.00020	0.00500	BRL	88	57.8-123		
Matrix Spike Dup (9051601-MSD1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	57.8-123	4	20
Post Spike (9051601-PS1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00428		mg/l	0.00020	0.00500	BRL	86	70-112		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Blank (9051595-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Thallium	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0500						
Selenium	BRL		mg/l	0.0150						
Vanadium	BRL		mg/l	0.0500						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0100						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (9051595-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Antimony	1.24		mg/l	0.0060	1.25		99	85-115		
Nickel	1.31		mg/l	0.0050	1.25		105	85-115		
Thallium	1.27		mg/l	0.0050	1.25		101	85-115		
Selenium	1.26		mg/l	0.0150	1.25		101	85-115		
Vanadium	1.27		mg/l	0.0500	1.25		102	85-115		
Zinc	1.34		mg/l	0.0500	1.25		107	85-115		
Lead	1.26		mg/l	0.0075	1.25		101	85-115		
Silver	1.24		mg/l	0.0050	1.25		99	85-115		
Arsenic	1.25		mg/l	0.0100	1.25		100	85-115		
Beryllium	1.35		mg/l	0.0020	1.25		108	85-115		
Chromium	1.28		mg/l	0.0050	1.25		102	85-115		
Copper	1.31		mg/l	0.0050	1.25		105	85-115		
Cadmium	1.34		mg/l	0.0025	1.25		107	85-115		
Barium	1.34		mg/l	0.0050	1.25		107	85-115		
LCS Dup (9051595-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.34		mg/l	0.0500	1.25		107	85-115	0.1	20
Vanadium	1.27		mg/l	0.0500	1.25		102	85-115	0.08	20
Selenium	1.26		mg/l	0.0150	1.25		101	85-115	0.2	20
Antimony	1.25		mg/l	0.0060	1.25		100	85-115	0.3	20
Nickel	1.31		mg/l	0.0050	1.25		105	85-115	0.1	20
Lead	1.27		mg/l	0.0075	1.25		101	85-115	0.2	20
Thallium	1.27		mg/l	0.0050	1.25		102	85-115	0.2	20
Silver	1.24		mg/l	0.0050	1.25		99	85-115	0.04	20
Beryllium	1.37		mg/l	0.0020	1.25		109	85-115	0.9	20
Copper	1.32		mg/l	0.0050	1.25		106	85-115	0.8	20
Chromium	1.27		mg/l	0.0050	1.25		101	85-115	0.9	20
Arsenic	1.26		mg/l	0.0100	1.25		100	85-115	0.3	20
Cadmium	1.34		mg/l	0.0025	1.25		107	85-115	0.03	20
Barium	1.32		mg/l	0.0050	1.25		106	85-115	2	20
Duplicate (9051595-DUP1) **Source: SA95070-11**										
Prepared: 22-May-09 Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Duplicate (9051595-DUP1)	**Source: SA95070-11**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Antimony	0.0020	J,QR8	mg/l	0.0060		0.0032			44	20
Nickel	0.0064		mg/l	0.0050		0.0068			6	20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Thallium	BRL		mg/l	0.0050		BRL				20
Vanadium	BRL		mg/l	0.0500		BRL				20
Zinc	1.52		mg/l	0.0500		1.52			0.1	20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Beryllium	BRL		mg/l	0.0020		0.0006				20
Cadmium	0.0084		mg/l	0.0025		0.0088			4	20
Chromium	BRL		mg/l	0.0050		BRL				20
Copper	0.0060	QR8	mg/l	0.0050		0.0048			24	20
Barium	0.187		mg/l	0.0050		0.186			0.6	20
Matrix Spike (9051595-MS1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	1.33		mg/l	0.0050	1.25	0.0009	106	75-125		
Selenium	1.28		mg/l	0.0150	1.25	BRL	103	75-125		
Lead	1.28		mg/l	0.0075	1.25	BRL	103	75-125		
Antimony	1.26		mg/l	0.0060	1.25	0.0020	100	75-125		
Vanadium	1.31		mg/l	0.0500	1.25	BRL	105	75-125		
Thallium	1.28		mg/l	0.0050	1.25	BRL	102	75-125		
Zinc	1.34		mg/l	0.0500	1.25	0.0096	106	75-125		
Chromium	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Cadmium	1.34		mg/l	0.0025	1.25	0.0003	107	75-125		
Copper	1.34		mg/l	0.0050	1.25	BRL	107	75-125		
Beryllium	1.38		mg/l	0.0020	1.25	BRL	111	75-125		
Arsenic	1.28		mg/l	0.0100	1.25	BRL	103	75-125		
Silver	1.26		mg/l	0.0050	1.25	BRL	101	75-125		
Barium	1.36		mg/l	0.0050	1.25	0.0188	107	75-125		
Matrix Spike Dup (9051595-MSD1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.33		mg/l	0.0500	1.25	0.0096	106	75-125	0.1	20
Antimony	1.24		mg/l	0.0060	1.25	0.0020	99	75-125	1	20
Vanadium	1.28		mg/l	0.0500	1.25	BRL	102	75-125	2	20
Nickel	1.31		mg/l	0.0050	1.25	0.0009	105	75-125	1	20
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	75-125	2	20
Thallium	1.28		mg/l	0.0050	1.25	BRL	102	75-125	0.08	20
Lead	1.27		mg/l	0.0075	1.25	BRL	101	75-125	1	20
Copper	1.31		mg/l	0.0050	1.25	BRL	105	75-125	2	20
Beryllium	1.36		mg/l	0.0020	1.25	BRL	109	75-125	1	20
Chromium	1.28		mg/l	0.0050	1.25	BRL	103	75-125	1	20
Arsenic	1.26		mg/l	0.0100	1.25	BRL	100	75-125	2	20
Silver	1.24		mg/l	0.0050	1.25	BRL	99	75-125	2	20
Cadmium	1.35		mg/l	0.0025	1.25	0.0003	108	75-125	0.1	20
Barium	1.36		mg/l	0.0050	1.25	0.0188	107	75-125	0.1	20
Post Spike (9051595-PS1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Post Spike (9051595-PS1) **Source: SA95070-10**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Thallium	1.28		mg/l	0.0050	1.25	BRL	103	75-125		
Selenium	1.28		mg/l	0.0150	1.25	BRL	102	75-125		
Lead	1.28		mg/l	0.0075	1.25	BRL	102	75-125		
Antimony	1.25		mg/l	0.0060	1.25	0.0020	100	75-125		
Nickel	1.33		mg/l	0.0050	1.25	0.0009	106	75-125		
Zinc	1.34		mg/l	0.0500	1.25	0.0096	107	75-125		
Vanadium	1.30		mg/l	0.0500	1.25	BRL	104	75-125		
Beryllium	1.37		mg/l	0.0020	1.25	BRL	109	75-125		
Copper	1.33		mg/l	0.0050	1.25	BRL	106	75-125		
Silver	1.26		mg/l	0.0050	1.25	BRL	101	75-125		
Arsenic	1.27		mg/l	0.0100	1.25	BRL	102	75-125		
Cadmium	1.35		mg/l	0.0025	1.25	0.0003	108	75-125		
Chromium	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Barium	1.37		mg/l	0.0050	1.25	0.0188	108	75-125		
Batch 9051597 - SW846 3010A										
Blank (9051597-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	BRL		mg/l	0.0075						
Vanadium	BRL		mg/l	0.0500						
Antimony	BRL		mg/l	0.0060						
Zinc	BRL		mg/l	0.0210						
Thallium	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (9051597-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.21		mg/l	0.0150	1.25		97	85-115		
Vanadium	1.30		mg/l	0.0500	1.25		104	85-115		
Zinc	1.33		mg/l	0.0210	1.25		106	85-115		
Thallium	1.32		mg/l	0.0050	1.25		105	85-115		
Nickel	1.24		mg/l	0.0050	1.25		99	85-115		
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Lead	1.24		mg/l	0.0075	1.25		100	85-115		
Chromium	1.05	QC1	mg/l	0.0050	1.25		84	85-115		
Silver	1.31		mg/l	0.0050	1.25		105	85-115		
Arsenic	1.21		mg/l	0.0100	1.25		97	85-115		
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115		
Beryllium	1.20		mg/l	0.0020	1.25		96	85-115		
Copper	1.31		mg/l	0.0050	1.25		105	85-115		
Barium	1.20		mg/l	0.0050	1.25		96	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051597 - SW846 3010A										
LCS Dup (9051597-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Zinc	1.33		mg/l	0.0210	1.25		106	85-115	0	20
Lead	1.26		mg/l	0.0075	1.25		100	85-115	0.9	20
Selenium	1.23		mg/l	0.0150	1.25		98	85-115	1	20
Nickel	1.27		mg/l	0.0050	1.25		102	85-115	2	20
Antimony	1.22		mg/l	0.0060	1.25		97	85-115	1	20
Thallium	1.32		mg/l	0.0050	1.25		106	85-115	0.6	20
Vanadium	1.31		mg/l	0.0500	1.25		105	85-115	0.7	20
Silver	1.30		mg/l	0.0050	1.25		104	85-115	1	20
Arsenic	1.23		mg/l	0.0100	1.25		99	85-115	2	20
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115	0.1	20
Copper	1.32		mg/l	0.0050	1.25		106	85-115	0.9	20
Chromium	1.08		mg/l	0.0050	1.25		86	85-115	3	20
Beryllium	1.23		mg/l	0.0020	1.25		98	85-115	2	20
Barium	1.22		mg/l	0.0050	1.25		98	85-115	2	20
Duplicate (9051597-DUP1)	**Source: SA95070-09**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Nickel	BRL		mg/l	0.0050		0.0010				20
Vanadium	0.0044	J	mg/l	0.0500		0.0040			12	20
Zinc	0.0252	QR6	mg/l	0.0210		0.0192			27	20
Thallium	BRL		mg/l	0.0050		BRL				20
Antimony	BRL		mg/l	0.0060		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Copper	BRL		mg/l	0.0050		0.0038				20
Cadmium	0.0002	J	mg/l	0.0025		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0033	J,QR8	mg/l	0.0050		0.0041			22	20
Barium	0.0139		mg/l	0.0050		0.0136			3	20
Matrix Spike (9051597-MS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125		
Selenium	1.30		mg/l	0.0150	1.25	0.0016	104	75-125		
Zinc	1.39		mg/l	0.0210	1.25	0.129	101	75-125		
Thallium	1.39		mg/l	0.0050	1.25	BRL	111	75-125		
Vanadium	1.39		mg/l	0.0500	1.25	BRL	111	75-125		
Lead	1.31		mg/l	0.0075	1.25	BRL	105	75-125		
Nickel	1.36		mg/l	0.0050	1.25	0.0014	108	75-125		
Beryllium	1.30		mg/l	0.0020	1.25	BRL	104	75-125		
Chromium	1.18		mg/l	0.0050	1.25	BRL	94	75-125		
Copper	1.40		mg/l	0.0050	1.25	BRL	112	75-125		
Cadmium	1.38		mg/l	0.0025	1.25	0.0002	111	75-125		
Silver	1.33		mg/l	0.0050	1.25	BRL	106	75-125		
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0144	103	75-125		
Matrix Spike Dup (9051597-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051597 - SW846 3010A										
Matrix Spike Dup (9051597-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.32		mg/l	0.0075	1.25	BRL	105	75-125	0.3	20
Zinc	1.38		mg/l	0.0210	1.25	0.129	100	75-125	0.6	20
Vanadium	1.40		mg/l	0.0500	1.25	BRL	112	75-125	0.5	20
Thallium	1.38		mg/l	0.0050	1.25	BRL	111	75-125	0.2	20
Selenium	1.29		mg/l	0.0150	1.25	0.0016	103	75-125	0.5	20
Nickel	1.35		mg/l	0.0050	1.25	0.0014	108	75-125	0.1	20
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125	0.3	20
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125	0.4	20
Chromium	1.18		mg/l	0.0050	1.25	BRL	94	75-125	0.3	20
Copper	1.41		mg/l	0.0050	1.25	BRL	112	75-125	0.6	20
Cadmium	1.39		mg/l	0.0025	1.25	0.0002	111	75-125	0.2	20
Beryllium	1.31		mg/l	0.0020	1.25	BRL	105	75-125	0.6	20
Silver	1.36		mg/l	0.0050	1.25	BRL	109	75-125	2	20
Barium	1.32		mg/l	0.0050	1.25	0.0144	104	75-125	1	20
Post Spike (9051597-PS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.31		mg/l	0.0075	1.25	BRL	105	75-125		
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125		
Vanadium	1.40		mg/l	0.0500	1.25	BRL	112	75-125		
Nickel	1.35		mg/l	0.0050	1.25	0.0014	108	75-125		
Selenium	1.30		mg/l	0.0150	1.25	0.0016	104	75-125		
Zinc	1.38		mg/l	0.0210	1.25	0.129	100	75-125		
Thallium	1.38		mg/l	0.0050	1.25	BRL	110	75-125		
Silver	1.36		mg/l	0.0050	1.25	BRL	109	75-125		
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125		
Beryllium	1.32		mg/l	0.0020	1.25	BRL	106	75-125		
Chromium	1.19		mg/l	0.0050	1.25	BRL	95	75-125		
Copper	1.41		mg/l	0.0050	1.25	BRL	112	75-125		
Cadmium	1.38		mg/l	0.0025	1.25	0.0002	110	75-125		
Barium	1.32		mg/l	0.0050	1.25	0.0144	104	75-125		
Batch 9051598 - EPA200/SW7000 Series										
Blank (9051598-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051598-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00505		mg/l	0.00020	0.00500		101	56.1-122		
Duplicate (9051598-DUP1)	**Source: SA95070-09**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051598-MS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00531		mg/l	0.00020	0.00500	BRL	106	59.8-119		
Matrix Spike Dup (9051598-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00511		mg/l	0.00020	0.00500	BRL	102	59.8-119	4	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051598 - EPA200/SW7000 Series										
Post Spike (9051598-PS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00484		mg/l	0.00020	0.00500	BRL	97	72.4-113		
Batch 9051744 - SW846 3010A										
Blank (9051744-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (9051744-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.23		mg/l	0.0075	1.25		99	85-115		
Selenium	1.23		mg/l	0.0150	1.25		98	85-115		
Silver	1.24		mg/l	0.0050	1.25		100	85-115		
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115		
Chromium	1.28		mg/l	0.0050	1.25		103	85-115		
Arsenic	1.23		mg/l	0.0100	1.25		98	85-115		
Barium	1.23		mg/l	0.0050	1.25		99	85-115		
LCS Dup (9051744-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.20		mg/l	0.0150	1.25		96	85-115	2	20
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Cadmium	1.27		mg/l	0.0025	1.25		101	85-115	2	20
Silver	1.24		mg/l	0.0050	1.25		100	85-115	0.04	20
Arsenic	1.20		mg/l	0.0100	1.25		96	85-115	2	20
Chromium	1.24		mg/l	0.0050	1.25		99	85-115	4	20
Barium	1.19		mg/l	0.0050	1.25		95	85-115	4	20
Duplicate (9051744-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0225		mg/l	0.0075		0.0198			13	20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002				20
Chromium	BRL		mg/l	0.0050		0.0027				20
Barium	0.120	QR6	mg/l	0.0050		0.0500			82	20
Matrix Spike (9051744-MS1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.22		mg/l	0.0150	1.25	BRL	98	75-125		
Lead	1.26		mg/l	0.0075	1.25	0.0195	100	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Cadmium	1.31		mg/l	0.0025	1.25	BRL	105	75-125		
Chromium	1.30		mg/l	0.0050	1.25	0.0018	104	75-125		
Arsenic	1.24		mg/l	0.0100	1.25	0.0133	98	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0923	97	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051744 - SW846 3010A										
Matrix Spike Dup (9051744-MSD1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125	1	20
Selenium	1.23		mg/l	0.0150	1.25	BRL	99	75-125	1	20
Arsenic	1.25		mg/l	0.0100	1.25	0.0133	99	75-125	1	20
Cadmium	1.33		mg/l	0.0025	1.25	BRL	106	75-125	1	20
Chromium	1.33		mg/l	0.0050	1.25	0.0018	106	75-125	2	20
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125	1	20
Barium	1.35		mg/l	0.0050	1.25	0.0923	101	75-125	4	20
Post Spike (9051744-PS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	75-125		
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125		
Chromium	1.32		mg/l	0.0050	1.25	0.0018	105	75-125		
Arsenic	1.26		mg/l	0.0100	1.25	0.0133	99	75-125		
Cadmium	1.32		mg/l	0.0025	1.25	BRL	105	75-125		
Barium	1.34		mg/l	0.0050	1.25	0.0923	100	75-125		
Batch 9051746 - EPA200/SW7000 Series										
Blank (9051746-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051746-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00456		mg/l	0.00020	0.00500		91	56.1-122		
Duplicate (9051746-DUP1)	**Source: SA95070-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051746-MS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	59.8-119		
Matrix Spike Dup (9051746-MSD1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00426		mg/l	0.00020	0.00500	BRL	85	59.8-119	8	20
Post Spike (9051746-PS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00445		mg/l	0.00020	0.00500	BRL	89	72.4-113		
Batch 9051908 - EPA200/SW7000 Series										
Blank (9051908-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051908-BS1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00479		mg/l	0.00020	0.00500		96	56.1-122		
Duplicate (9051908-DUP1)	**Source: SA95070-11**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051908 - EPA200/SW7000 Series										
Matrix Spike (9051908-MS1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00529		mg/l	0.00020	0.00500	BRL	106	59.8-119		
Matrix Spike Dup (9051908-MSD1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00500		mg/l	0.00020	0.00500	BRL	100	59.8-119	6	20
Post Spike (9051908-PS1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00467		mg/l	0.00020	0.00500	BRL	93	72.4-113		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051382 - General Preparation										
Duplicate (9051382-DUP1)	**Source: SA95032-01**									
Prepared & Analyzed: 19-May-09										
pH	6.99		pH Units			7.01			0.3	5
Reference (9051382-SRM4)										
Prepared & Analyzed: 19-May-09										
pH	7.07		pH Units		7.00		101	97.5-102.5		
Reference (9051382-SRM5)										
Prepared & Analyzed: 19-May-09										
pH	7.12		pH Units		7.00		102	97.5-102.5		
Batch 9051436 - General Preparation										
Duplicate (9051436-DUP1)	**Source: SA95061-18**									
Prepared & Analyzed: 20-May-09										
% Solids	90.4		%			91.0			0.6	20
Batch 9051437 - General Preparation										
Duplicate (9051437-DUP1)	**Source: SA95070-04**									
Prepared & Analyzed: 20-May-09										
% Solids	87.1		%			87.2			0.1	20
Batch 9051661 - General Preparation										
Blank (9051661-BLK1)										
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/l							
Reactive Cyanide	BRL		mg/l	25.0						
Reactive Sulfide	BRL		mg/l	50.0						
Duplicate (9051661-DUP1)	**Source: SA95070-21**									
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/l			Nonreactive				200
Reactive Cyanide	BRL		mg/l	25.0		BRL				20
Reactive Sulfide	BRL		mg/l	50.0		BRL				20
Reference (9051661-SRM1)										
Prepared & Analyzed: 22-May-09										
Reactive Cyanide	4.10		mg/l	25.0	100		4	0-200		
Reference (9051661-SRM2)										
Prepared & Analyzed: 22-May-09										
Reactive Sulfide	96.2		mg/l	50.0	6700		1	0-200		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051412 - General Preparation										
Duplicate (9051412-DUP1)	**Source: SA95070-18**									
Prepared & Analyzed: 20-May-09										
Ignitability by Definition	Negative	IgHT	N/A			Negative				35
Batch 9051440 - General Preparation										
Duplicate (9051440-DUP1)	**Source: SA95070-02**									
Prepared & Analyzed: 20-May-09										
pH	7.04		pH Units			6.90			2	5
Reference (9051440-SRM1)										
Prepared & Analyzed: 20-May-09										
pH	7.03		pH Units		7.00		100	97.5-102.5		
Reference (9051440-SRM2)										
Prepared & Analyzed: 20-May-09										
pH	7.06		pH Units		7.00		101	97.5-102.5		
Batch 9051654 - General Preparation										
Blank (9051654-BLK1)										
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/kg wet							
Reactive Cyanide	BRL		mg/kg wet	25.0						
Reactive Sulfide	BRL		mg/kg wet	50.0						
Duplicate (9051654-DUP1)	**Source: SA95029-01**									
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/kg dry			0.00				200
Reactive Cyanide	6.18	J	mg/kg dry	24.8		BRL				35
Reactive Sulfide	BRL		mg/kg dry	49.6		BRL				35
Reference (9051654-SRM1)										
Prepared & Analyzed: 22-May-09										
Reactive Cyanide	4.10		mg/kg wet	25.0	100		4	0-200		
Reference (9051654-SRM2)										
Prepared & Analyzed: 22-May-09										
Reactive Sulfide	96.2		mg/kg wet	50.0	6700		1	0-200		
Batch 9051937 - General Preparation										
Duplicate (9051937-DUP1)	**Source: SA95070-21**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Flashpoint	>200		°F			>200				35
Reference (9051937-SRM1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Flashpoint	80		°F		81.0		99	95-105		

Notes and Definitions

CAL1	Analyte quantified by quadratic equation type calibration.
CAL2	Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria
CAL3	SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria
DC2	The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.
GS	This sample was not able to be analyzed for low level reporting limits due to high concentrations of other target analytes in the sample.
IgHT	A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues 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).
pH	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. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor
Kim Wisk
Rebecca Merz

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: TRC - Windsor, CT

Project Location: East Bridgeport Railyard - Bridgeport, CT

Project Number: 107307-3704-210

Sampling Date(s):
15-May-09 18-May-09 19-May-09

Laboratory Sample ID(s):
SA95070-01 through SA95070-25

RCP Methods Used:

+CT ETPH	EPA 245.1/7470A	SW846 1311	SW846 1311/6010B	SW846 1311/7470A
SW846 1312	SW846 1312/6010B	SW846 1312/7470A	SW846 6010B	SW846 7471A
SW846 8081A	SW846 8082	SW846 8151A	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: 6/2/2009

SA95070 (1)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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

Report To: Liam Bane
TRC
21 Griffin Rd North
Windsor, CT

Project Mgr.: Liam Bane

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Railyard
Location: Bridgeport State: CT
Sampler(s): Liam Bane

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

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/5035	SVOCs 8270C	ETPH - CT Method Total + SPLP RCRA 8 metals	PCBs 8082	CT RSR metals Total, SPLP, TCLP	Herb / Pest 8150/8081	Ignitability 1010	Corrosivity 1110	Reactivity (Cyanide/Sulfide)	QA Reporting Notes
SA95070-01	B-1 (0-2)	5-15-09	0800	G	SO	7,9	3		2		X	X	X	X	X					
-02	B-4 (5-7)	↓	0920	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	Include TCLP RCRA 8 metals
-03	B-12 (0-2)		1115	G	SO	7,9	3		2		X	X	X	X	X					
-04	B-11 (0-4)		1145	G	SO	7,9	3	2			X	X	X	X	X					
-05	B-13 (0-2)		1230	G	SO	7,9	3		2		X	X	X	X	X					
-06	B-14 (2-4)		1300	G	SO	7,9	3	1	1		X	X	X	X	X					
-07	B-5 (1-3)	5-18-09	0805	G	SO	7,9	3		2		X	X	X	X	X					
-08	B-8 (0-2)		0815	G	SO	7,9	3		2		X	X	X	X	X					
-09	B-9 (0-2)		0900	G	SO	7,9	3		2		X	X	X	X	X					
-10	B-10 (0-2)	↓	1000	G	SO	7,9	3		2		X	X	X	X	X					

- [ ] Fax results when available to (____) _____
- [x] E-mail to lbane@trcsolutions.com
EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] 4°C 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

SA95070Ck

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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

Report To: Liam Bane
TRC
21 Griffin Road North
Windsor, CT 06095
Project Mgr.: Liam Bane

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Rail Yard
Location: Bridgeport State: CT
Sampler(s) Liam Bane

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

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/5035	SVOCs 8270C	ETPH, CT Meth.	PCBs 8082	RCRA 8 metals Total/SPLP	Ignitability	~~PCBs 8082~~	CT ASR Metals Total/SPLP/TCLP	Herb/Pest 8151D	Reactivity (cyanide/sulfide)	Corrosivity	QA Reporting Notes
SA95070-11	B-15 (2-4)	5-18-09	1145	G	SO	7,9	3		2		X	X	X	X	X							
12	B-16 (0-3)	↓	1240	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	X		Run TCLP RCRA 8 metals
13	B-7 (0-2)		1535	G	SO	7,9	3		2		X	X	X	X	X							
14	B-6 (2-4)		1600	G	SO	7,9	3		2		X	X	X	X	X							
15	B-3 (0-2)		1615	G	SO	7,9	3		2		X	X	X	X	X							
16	B-2 (0-2)	↓	1635	G	SO	7,9	3		2		X	X	X	X	X							
17	TP-1 (0-2)	5-19-09	0830	G	SO	7,9	3		2		X	X	X	X	X							
18	TP-2 (4-6)	↓	0920	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X			Run TCLP RCRA 8 metals
19	TP-3 (0-2)	↓	1240	G	SO	7,9	3		2		X	X	X	X	X							

- [ ] Fax results when available to (____) _____
- [x] E-mail to lbane@trcsolutions.com
EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] °C 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

SA95070 CK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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

Report To: Liam Bane
TRC
21 Griffin Rd North
Windsor, CT 06095
Project Mgr.: Liam Bane

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Rail Yard
Location: Bridgeport State: CT
Sampler(s) Liam Bane

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

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

G=Grab C=Composite

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

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260	SVOCs 8270 c	ETPH - CT Meth	Total / Dissolved RCRA 8 metals	PCBs 8082	CT RSR metals Total / Dissolved	TSS / 8081 Herb / Pest	Corrosivity	Ignitability	Reactivity (Sulfide / Cyanide)	QA Reporting Notes
SA95070-20	GW-B-1	5-15-09	1030	G	GW	9 3,4	2	5		2	X	X	X	X	X						Dissolved metals field filtered
21	GW-B-4	5-15-09	0950	↓	↓	↓	2	6		4	X	X	X	X	X	X	X	X	X		w/.45 micron filter
22	GW-B-10	5-18-09	1045	↓	↓	↓	2	5		2	X	X	X	X	X						↓
23	GW-B-16	5-18-09	1400	↓	↓	↓	2	7		4	X	X	X	X	X	X	X	X	X		↓
24	GW-TP-2	5-19-09	1100	↓	↓	↓	2	5		2	X	X	X	X	X						↓
25	GW-TP-1	5-19-09	1200	↓	↓	↓	2	5		2	X	X	X	X	X						↓

☐ Fax results when available to (____) _____
☒ E-mail to lbane@trcsolutions.com
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☐ 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

Report Date:
11-Jun-09 15:20

☐ Final Report
☐ Re-Issued Report
☑ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Liam Bane

Project: East Bridgeport Railyard - Bridgeport, CT
Project 107307-3704-210

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA95070-01	B-1 (0-2)	Soil	15-May-09 08:00	19-May-09 17:50
SA95070-02	B-4 (5-7)	Soil	15-May-09 09:20	19-May-09 17:50
SA95070-03	B-12 (0-2)	Soil	15-May-09 11:15	19-May-09 17:50
SA95070-04	B-11 (0-4)	Soil	15-May-09 11:45	19-May-09 17:50
SA95070-05	B-13 (0-2)	Soil	15-May-09 12:30	19-May-09 17:50
SA95070-06	B-14 (2-4)	Soil	15-May-09 13:00	19-May-09 17:50
SA95070-07	B-5 (1-3)	Soil	18-May-09 08:05	19-May-09 17:50
SA95070-08	B-8 (0-2)	Soil	18-May-09 08:15	19-May-09 17:50
SA95070-09	B-9 (0-2)	Soil	18-May-09 09:00	19-May-09 17:50
SA95070-10	B-10 (0-2)	Soil	18-May-09 10:00	19-May-09 17:50
SA95070-11	B-15 (2-4)	Soil	18-May-09 11:45	19-May-09 17:50
SA95070-12	B-16 (0-3)	Soil	18-May-09 12:40	19-May-09 17:50
SA95070-13	B-7 (0-2)	Soil	18-May-09 15:35	19-May-09 17:50
SA95070-14	B-6 (2-4)	Soil	18-May-09 16:00	19-May-09 17:50
SA95070-15	B-3 (0-2)	Soil	18-May-09 16:15	19-May-09 17:50
SA95070-16	B-2 (0-2)	Soil	18-May-09 16:35	19-May-09 17:50
SA95070-17	TP-1 (0-2)	Soil	19-May-09 08:30	19-May-09 17:50
SA95070-18	TP-2 (4-6)	Soil	19-May-09 09:20	19-May-09 17:50
SA95070-19	TP-3 (0-2)	Soil	19-May-09 12:40	19-May-09 17:50
SA95070-20	GW-B-1	Ground Water	15-May-09 10:30	19-May-09 17:50
SA95070-21	GW-B-4	Ground Water	15-May-09 09:50	19-May-09 17:50
SA95070-22	GW-B-10	Ground Water	18-May-09 10:45	19-May-09 17:50
SA95070-23	GW-B-16	Ground Water	18-May-09 14:00	19-May-09 17:50
SA95070-24	GW-TP-2	Ground Water	19-May-09 11:00	19-May-09 17:50
SA95070-25	GW-TP-1	Ground Water	19-May-09 12:00	19-May-09 17:50

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

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 259 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.

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

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 4.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

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.

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).

Sample SA95070-18 (TP-2(4-6)) was re-extracted for Total, TCLP and SPLP Lead for data confirmation. The re-extracts yielded varying results from the original analysis. A visual evaluation of all sample jars was performed and concluded that all jars contain rocks, metallic specks, and were the same in color. Standard procedure is to thoroughly mix each jar prior to extracting an aliquot for analysis. It is possible that the metallic specks created 'hot spots' that were captured in the aliquots removed for extraction/digestion resulting in varying concentrations.

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

EPA 245.1/7470A

Spikes:

9052039-MS1 *Source: SA95070-23*

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

Mercury

SW846 1030

Duplicates:

9051412-DUP1 *Source: SA95070-18*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SW846 1030

Samples:

SA95070-02 *B-4 (5-7)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SA95070-12 *B-16 (0-3)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SA95070-18 *TP-2 (4-6)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SW846 1311/6010B

Laboratory Control Samples:

9051600-BS1

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

Selenium
Silver

9051600-BSD1

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

Selenium
Silver

Duplicates:

9051600-DUP1 *Source: SA95106-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Arsenic
Chromium

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

Copper

9060658-DUP1 *Source: SA95723-02*

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

Lead

SW846 1312/6010B

Laboratory Control Samples:

9051597-BS1

Analyte out of acceptance range.

Chromium

SW846 1312/6010B

Duplicates:

9051595-DUP1 *Source: SA95070-11*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Antimony
Copper

9051597-DUP1 *Source: SA95070-09*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Chromium

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

Zinc

9051744-DUP1 *Source: SA95070-01*

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

Barium

SW846 6010B

Laboratory Control Samples:

9051811-BS1

Analyte out of acceptance range.

Selenium

Spikes:

9051808-MS1 *Source: SA95070-05*

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

Antimony

9051808-MSD1 *Source: SA95070-05*

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

Antimony

9060767-MSD1 *Source: SA96011-01*

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

Lead

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

Lead

SW846 6010B

Duplicates:

9051808-DUP1 *Source: SA95070-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Beryllium

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

Vanadium

9051811-DUP1 *Source: SA95070-20*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Beryllium

SW846 7471A

Spikes:

9051809-MS1 *Source: SA95070-05*

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

Mercury

9051809-MSD1 *Source: SA95070-05*

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

Mercury

SW846 8081A

Samples:

S904765-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDT (p,p')
Endosulfan sulfate
Endrin aldehyde
Endrin ketone

S904766-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDT (p,p')
Endosulfan sulfate
Endrin aldehyde
Endrin ketone

SW846 8260B

SW846 8260B

Blanks:

9051555-BLK1

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8260B

Laboratory Control Samples:

9051430-BS1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Tetrahydrofuran

Analyte out of acceptance range.

Ethanol

9051430-BSD1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Tetrahydrofuran

9051534-BS1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

9051534-BSD1

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

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

Tert-Butanol / butyl alcohol

9051555-BS1

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

Bromoform
trans-1,2-Dichloroethene

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,1-Dichloroethane
Bromodichloromethane
Chloromethane
Dibromochloromethane
Methyl tert-butyl ether

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8260B

Laboratory Control Samples:

9051555-BSD1

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

Bromoform
trans-1,2-Dichloroethene

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

RPD out of acceptance range.

1,1-Dichloroethane
Methyl tert-butyl ether

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

Di-isopropyl ether

9051619-BS1

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

Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

2-Hexanone (MBK)
Chloromethane
Di-isopropyl ether

9051619-BSD1

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

Chloromethane
Ethanol
Tetrahydrofuran

9051624-BS1

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

1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)
Ethanol

Analyte out of acceptance range.

1,2,3-Trichloropropane

9051624-BSD1

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

1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)
Ethanol

9051803-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)

SW846 8260B

Laboratory Control Samples:

9051889-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
o-Xylene
sec-Butylbenzene

9051889-BSD1

RPD out of acceptance range.

2-Chlorotoluene

Spikes:

9051624-MS1 *Source: SA94968-12*

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

1,1-Dichloroethene

9051624-MSD1 *Source: SA94968-12*

RPD out of acceptance range.

Toluene

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

1,1-Dichloroethene
Trichloroethene

SW846 8260B

Samples:

S904642-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

2-Butanone (MEK)
2-Hexanone (MBK)
Acetone
Di-isopropyl ether
Ethanol
Tetrahydrofuran

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Chloromethane

This affected the following samples:

B-10 (0-2)
B-10 (0-2)
B-14 (2-4)
B-14 (2-4)
B-15 (2-4)
B-15 (2-4)
B-8 (0-2)
B-8 (0-2)
B-9 (0-2)
B-9 (0-2)

S904693-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Acetone
Bromomethane
Dibromochloromethane
trans-1,2-Dichloroethene

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Bromoform

This affected the following samples:

GW-B-10
GW-B-10
GW-B-16
GW-B-16
GW-B-4
GW-B-4

SW846 8260B

Samples:

S904695-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

2-Butanone (MEK)
2-Hexanone (MBK)
Acetone
Ethanol
Tetrahydrofuran

This affected the following samples:

B-1 (0-2)
B-11 (0-4)
B-2 (0-2)
TP-2 (4-6)

S904732-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,2,3-Trichloropropane
Ethanol

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

1,1,2,2-Tetrachloroethane

This affected the following samples:

B-6 (2-4)
B-6 (2-4)

S904752-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Acetone
Ethanol
Tetrahydrofuran

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Chloromethane

This affected the following samples:

B-3 (0-2)
B-3 (0-2)
TP-3 (0-2)
TP-3 (0-2)

SW846 8260B

Samples:

S904815-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)

This affected the following samples:

B-12 (0-2)
B-13 (0-2)
B-4 (5-7)
B-5 (1-3)
TP-1 (0-2)

S904832-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
Acetone
o-Xylene
sec-Butylbenzene

This affected the following samples:

B-16 (0-3)
B-7 (0-2)

SA95070-02 *B-4 (5-7)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-03 *B-12 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-05 *B-13 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-07 *B-5 (1-3)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-12 *B-16 (0-3)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-13 *B-7 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SW846 8260B

Samples:

SA95070-17 *TP-1 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95070-21 *GW-B-4*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SA95070-22 *GW-B-10*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SA95070-23 *GW-B-16*

Analyte quantified by quadratic equation type calibration.

trans-1,2-Dichloroethene

SW846 8270C

Laboratory Control Samples:

9051400-BS1

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

N-Nitrosodimethylamine

9051611-BS1

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

Phenol

Duplicates:

9051611-DUP1 *Source: SA95070-22*

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

Benzo (b) fluoranthene
Benzo (k) fluoranthene
Chrysene
Fluoranthene
Pyrene

SW846 8270C

Samples:

SA95070-07 *B-5 (1-3)*

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

SA95070-12 *B-16 (0-3)*

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

SA95070-18 *TP-2 (4-6)*

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

SA95070-23 *GW-B-16*

This sample was not able to be analyzed for low level reporting limits due to high concentrations of other target analytes in the sample.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2) SA95070-01	107307-3704-210	Soil	15-May-09 08:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.25 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.8	1	SW846 8260B	21-May-09	21-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	48.2	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.1	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	48.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2) SA95070-01	107307-3704-210	Soil	15-May-09 08:00	19-May-09

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: 6.25 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.8	1	SW846 8260B	21-May-09	21-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	9.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.2	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	48.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	96.4	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.1	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1930	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	359	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	359	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	359	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	359	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	359	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	359	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2)	107307-3704-210	Soil	15-May-09 08:00	19-May-09
SA95070-01				

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											
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	359	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	359	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	359	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	359	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	359	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	359	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	359	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	359	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	359	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	359	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	359	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	359	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	359	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	359	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	359	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1440	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1440	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	359	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	359	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2)	107307-3704-210	Soil	15-May-09 08:00	19-May-09
SA95070-01				

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											
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	359	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	359	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	359	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	359	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	359	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	359	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	359	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*75*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*83*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.8	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.5	1	"	"	"	"	
	Unidentified	47.1		mg/kg dry	14.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	47.1		mg/kg dry	14.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	47.1		mg/kg dry	14.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-1 (0-2) SA95070-01	107307-3704-210	Soil	15-May-09 08:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.42	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	7.10		mg/kg dry	1.42	1	"	"	"	"	X
7440-39-3	Barium	34.6		mg/kg dry	0.945	1	"	"	"	"	X
7440-43-9	Cadmium	0.567		mg/kg dry	0.473	1	"	"	"	"	X
7440-47-3	Chromium	13.9		mg/kg dry	0.945	1	"	"	"	"	X
7439-97-6	Mercury	0.0938		mg/kg dry	0.0323	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	129		mg/kg dry	1.42	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.49		mg/kg dry	1.42	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0500		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0198		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.6		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.46 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	77.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	772	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	77.2	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	154	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	772	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	386	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	154	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	154	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	154	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	77.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	154	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	772	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	772	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	772	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	77.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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: 15.46 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	77.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	77.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	77.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	77.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	154	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	77.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	772	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	77.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	772	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1540	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	386	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	30900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	425	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	425	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	425	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	425	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	425	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	425	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	425	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	425	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	425	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	425	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	425	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	425	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	425	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	425	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	425	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	425	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	425	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	425	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	425	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	425	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	425	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1700	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1700	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	425	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	425	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7)	107307-3704-210	Soil	15-May-09 09:20	19-May-09
SA95070-02				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	425	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	425	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	425	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	425	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	425	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	425	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	425	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	8.90	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	8.90	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	8.90	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	8.90	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	8.90	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	8.90	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	8.90	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	8.90	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	8.90	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	8.90	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	13.3	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	13.3	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	13.3	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	13.3	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	13.3	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	13.3	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	13.3	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	8.90	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	8.90	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	178	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	22.2	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	8.90	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	12.7	1	SW846 8082	22-May-09	22-May-09	9051621	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7)	107307-3704-210	Soil	15-May-09 09:20	19-May-09
SA95070-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	12.7	1	SW846 8082	22-May-09	22-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	12.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	12.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	12.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	12.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	12.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	21-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.1	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	17.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	2.98		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	42.1		mg/kg dry	1.08	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.542	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.542	1	"	"	"	"	X
7440-47-3	Chromium	14.5		mg/kg dry	1.08	1	"	"	"	"	X
7440-50-8	Copper	8.71		mg/kg dry	1.08	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7)	107307-3704-210	Soil	15-May-09 09:20	19-May-09
SA95070-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0393		mg/kg dry	0.0380	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	8.44		mg/kg dry	1.08	1	SW846 6010B	"	29-May-09	9051808	X
7439-92-1	Lead	15.7		mg/kg dry	1.63	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/kg dry	5.42	1	"	"	"	"	X
7782-49-2	Selenium	3.71		mg/kg dry	1.63	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	3.25	1	"	"	"	"	X
7440-62-2	Vanadium	29.9		mg/kg dry	1.63	1	"	"	"	"	X
7440-66-6	Zinc	26.8		mg/kg dry	1.08	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	0.0144		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	0.422		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0082		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.0102		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	26-May-09	26-May-09	9051601	X
7440-02-0	Nickel	0.0062		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7439-92-1	Lead	0.0280		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	BRL		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0193		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0054		mg/l	0.0050	1	"	"	28-May-09	"	
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	"	28-May-09	9051597	
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0210	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	77.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	6.90	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:36	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-4 (5-7) SA95070-02	107307-3704-210	Soil	15-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	24.8	1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Sulfide	BRL		mg/kg dry	49.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 13.77 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	62.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	622	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	62.2	50	"	"	"	"	X
71-43-2	Benzene	64.1		µg/kg dry	62.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	124	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	622	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	311	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	124	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	124	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	124	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	62.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	124	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	622	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	622	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	622	50	"	"	"	"	X
91-20-3	Naphthalene	181		µg/kg dry	62.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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: 13.77 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	62.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-88-3	Toluene	167		µg/kg dry	62.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	62.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	284		µg/kg dry	62.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	62.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	147		µg/kg dry	124	50	"	"	"	"	X
95-47-6	o-Xylene	106		µg/kg dry	62.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	622	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	622	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1240	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	311	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	24900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*91*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	354	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	354	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	354	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	354	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	354	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	354	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	354	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	354	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	354	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	354	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	354	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	354	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	354	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	354	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	354	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	354	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	354	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	354	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	354	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	354	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	354	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	354	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1420	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1420	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	354	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	354	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2)	107307-3704-210	Soil	15-May-09 11:15	19-May-09
SA95070-03				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	354	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	354	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	354	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	354	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	354	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	354	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	354	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*86*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.3	1	"	"	"	"	
	Unidentified	60.7		mg/kg dry	14.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	60.7		mg/kg dry	14.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	60.7		mg/kg dry	14.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-12 (0-2) SA95070-03	107307-3704-210	Soil	15-May-09 11:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.40	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	9.19		mg/kg dry	1.40	1	"	"	"	"	X
7440-39-3	Barium	76.8		mg/kg dry	0.934	1	"	"	"	"	X
7440-43-9	Cadmium	0.929		mg/kg dry	0.467	1	"	"	"	"	X
7440-47-3	Chromium	30.7		mg/kg dry	0.934	1	"	"	"	"	X
7439-97-6	Mercury	0.0633		mg/kg dry	0.0298	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	240		mg/kg dry	1.40	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	3.95		mg/kg dry	1.40	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0116		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0106		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	93.1		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051436	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.95 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	21-May-09	21-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	55.5	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	55.5	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	55.5	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	55.5	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.5	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

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: 5.95 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	21-May-09	21-May-09	9051534	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	55.5	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	55.5	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*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	374	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	374	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	374	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	374	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	451		µg/kg dry	374	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	427		µg/kg dry	374	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	821		µg/kg dry	374	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	374	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	374	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	374	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4)	107307-3704-210	Soil	15-May-09 11:45	19-May-09
SA95070-04				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	374	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	374	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	374	1	"	"	"	"	X
218-01-9	Chrysene	525		µg/kg dry	374	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	374	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	374	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	374	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	374	1	"	"	"	"	X
206-44-0	Fluoranthene	1,150		µg/kg dry	374	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	374	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	374	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	374	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	374	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	374	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	374	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	374	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1490	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1490	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	374	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	374	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4)	107307-3704-210	Soil	15-May-09 11:45	19-May-09
SA95070-04				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	374	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	374	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	374	1	"	"	"	"	X
129-00-0	Pyrene	1,050		µg/kg dry	374	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	374	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	374	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	374	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*87*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*78*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*72*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*83*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.7	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.1	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.1	1	"	"	"	"	
	Unidentified	67.8		mg/kg dry	15.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	67.8		mg/kg dry	15.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	67.8		mg/kg dry	15.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*81*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-11 (0-4) SA95070-04	107307-3704-210	Soil	15-May-09 11:45	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.43	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	9.52		mg/kg dry	1.43	1	"	"	"	"	X
7440-39-3	Barium	34.6		mg/kg dry	0.956	1	"	"	"	"	X
7440-43-9	Cadmium	0.607		mg/kg dry	0.478	1	"	"	"	"	X
7440-47-3	Chromium	14.3		mg/kg dry	0.956	1	"	"	"	"	X
7439-97-6	Mercury	0.0496		mg/kg dry	0.0317	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	248		mg/kg dry	1.43	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.20		mg/kg dry	1.43	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0149		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0256		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.2		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2) SA95070-05	107307-3704-210	Soil	15-May-09 12:30	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.64 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	63.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	675		µg/kg dry	632	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	63.2	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	126	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	632	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	316	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	126	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	126	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	126	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	63.2	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	126	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	632	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	632	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	632	50	"	"	"	"	X
91-20-3	Naphthalene	108		µg/kg dry	63.2	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2) SA95070-05	107307-3704-210	Soil	15-May-09 12:30	19-May-09

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: 15.64 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	63.2	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-88-3	Toluene	168		µg/kg dry	63.2	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	63.2	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	63.2	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	264		µg/kg dry	63.2	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	63.2	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	63.2	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	126	50	"	"	"	"	X
95-47-6	o-Xylene	72.7		µg/kg dry	63.2	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	632	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	63.2	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	632	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1260	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	316	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	25300	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	904		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	793		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,110		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	430		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2)	107307-3704-210	Soil	15-May-09 12:30	19-May-09
SA95070-05				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	837		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	945		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2)	107307-3704-210	Soil	15-May-09 12:30	19-May-09
SA95070-05				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	1,590		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*82*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*78*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.8	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	79.7		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	79.7		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	79.7		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-13 (0-2) SA95070-05	107307-3704-210	Soil	15-May-09 12:30	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.47	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	22.2		mg/kg dry	1.47	1	"	"	"	"	X
7440-39-3	Barium	64.4		mg/kg dry	0.983	1	"	"	"	"	X
7440-43-9	Cadmium	0.890		mg/kg dry	0.492	1	"	"	"	"	X
7440-47-3	Chromium	16.7		mg/kg dry	0.983	1	"	"	"	"	X
7439-97-6	Mercury	0.472		mg/kg dry	0.0339	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	106		mg/kg dry	1.47	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.36		mg/kg dry	1.47	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0144		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	86.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4) SA95070-06	107307-3704-210	Soil	15-May-09 13:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.83 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	80.1		µg/kg dry	55.9	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	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.9	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	28.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	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	55.9	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	55.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	55.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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: 6.83 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	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	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.9	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	55.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	403	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	403	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	403	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	403	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	974		µg/kg dry	403	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	848		µg/kg dry	403	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,290		µg/kg dry	403	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	403	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	513		µg/kg dry	403	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	403	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	403	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	431		µg/kg dry	403	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	403	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	403	1	"	"	"	"	X
218-01-9	Chrysene	1,220		µg/kg dry	403	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	403	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	403	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	403	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	403	1	"	"	"	"	X
206-44-0	Fluoranthene	1,770		µg/kg dry	403	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	403	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	403	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	403	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	403	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	403	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	403	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	403	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1610	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1610	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	403	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	403	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4)	107307-3704-210	Soil	15-May-09 13:00	19-May-09
SA95070-06				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	403	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
85-01-8	Phenanthrene	858		µg/kg dry	403	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	403	1	"	"	"	"	X
129-00-0	Pyrene	2,900		µg/kg dry	403	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	403	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	403	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	403	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*88*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*80*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*90*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*84*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.2	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.2	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.2	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.2	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.2	1	"	"	"	"	X
37324-23-5	Aroclor-1262	806		µg/kg dry	24.2	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.2	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.3	1	"	"	"	"	
	Unidentified	203		mg/kg dry	16.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	203		mg/kg dry	16.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	203		mg/kg dry	16.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-14 (2-4) SA95070-06	107307-3704-210	Soil	15-May-09 13:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	10.9		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	309		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	7.70		mg/kg dry	0.563	1	"	"	"	"	X
7440-47-3	Chromium	34.8		mg/kg dry	1.13	1	"	"	"	"	X
7439-97-6	Mercury	0.107		mg/kg dry	0.0343	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	230		mg/kg dry	1.69	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0410		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0276		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.07 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	67.1	50	SW846 8260B	26-May-09	26-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	671	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	67.1	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	134	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	671	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	336	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	134	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	134	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	134	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	67.1	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	134	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	671	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	671	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	671	50	"	"	"	"	X
91-20-3	Naphthalene	92.0		µg/kg dry	67.1	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

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: 15.07 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	67.1	50	SW846 8260B	26-May-09	26-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-88-3	Toluene	98.0		µg/kg dry	67.1	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	67.1	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	67.1	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	275		µg/kg dry	67.1	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	67.1	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	134	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	67.1	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	671	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	67.1	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	671	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1340	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	336	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	26900	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*93*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1900	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1900	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1900	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1900	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1900	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1900	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1900	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1900	5	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	1900	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1900	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1900	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1900	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1900	5	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	1900	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1900	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1900	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1900	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1900	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7590	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7590	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1900	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1900	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3)	107307-3704-210	Soil	18-May-09 08:05	19-May-09
SA95070-07				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1900	5	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	1900	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1900	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1900	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1900	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.0	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.3	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.3	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.3	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.3	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.3	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.3	1	"	"	"	"	
	Unidentified	296		mg/kg dry	15.3	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.3	1	"	"	"	"	
	Total Petroleum Hydrocarbons	296		mg/kg dry	15.3	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	296		mg/kg dry	15.3	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*91*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-5 (1-3) SA95070-07	107307-3704-210	Soil	18-May-09 08:05	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	6.71		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	65.0		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	0.814		mg/kg dry	0.543	1	"	"	"	"	X
7440-47-3	Chromium	15.8		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.161		mg/kg dry	0.0311	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	135		mg/kg dry	1.63	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.91		mg/kg dry	1.63	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0218		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	85.2		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.45 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.0	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	50.1	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	10.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	50.1	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	25.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.0	1	"	"	"	"	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	10.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.0	1	"	"	"	"	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	10.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.0	1	"	"	"	"	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	50.1	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	50.1	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	50.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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: 7.45 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.0	1	SW846 8260B	20-May-09	21-May-09	9051430	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	10.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	50.1	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.0	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	50.1	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	100	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	25.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2000	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*88*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	390	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	390	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	390	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	390	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	390	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	390	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	390	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	390	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	390	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	390	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	390	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	390	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	390	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	390	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	390	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	390	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	390	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	390	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	390	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	390	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	390	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	390	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	390	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	390	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	390	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	390	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	390	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	390	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	390	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1560	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1560	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	390	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	390	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2)	107307-3704-210	Soil	18-May-09 08:15	19-May-09
SA95070-08				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	390	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	390	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	390	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	390	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	390	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	390	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	390	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*85*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*75*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*81*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.6	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.6	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.6	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.6	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.6	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.6	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*105*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.7	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-8 (0-2) SA95070-08	107307-3704-210	Soil	18-May-09 08:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	20.6		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	46.7		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	0.807		mg/kg dry	0.542	1	"	"	"	"	X
7440-47-3	Chromium	14.2		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.133		mg/kg dry	0.0342	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	62.7		mg/kg dry	1.62	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	2.42		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0360		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	0.0061		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	0.0150		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	83.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.82 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	56.0	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	11.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.0	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	28.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	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	11.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	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	56.0	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	56.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	56.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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: 6.82 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW846 8260B	20-May-09	21-May-09	9051430	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	11.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2240	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	398	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	398	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	398	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	398	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	398	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	398	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	398	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	398	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	398	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	398	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	398	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	398	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	398	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	398	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	398	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	398	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	398	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	398	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	398	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	398	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	398	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	398	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	398	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	398	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	398	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	398	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	398	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	398	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	398	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1590	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1590	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	398	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	398	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	398	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	398	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	398	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	398	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	398	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	398	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	398	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*87*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*77*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.0	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.0	1	"	"	"	"	
	Unidentified	45.4		mg/kg dry	16.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	45.4		mg/kg dry	16.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	45.4		mg/kg dry	16.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-9 (0-2) SA95070-09	107307-3704-210	Soil	18-May-09 09:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	3.44		mg/kg dry	1.64	1	"	"	"	"	X
7440-39-3	Barium	49.3		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.547	1	"	"	"	"	X
7440-47-3	Chromium	15.8		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.0348		mg/kg dry	0.0338	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	21.6		mg/kg dry	1.64	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	3.85		mg/kg dry	1.64	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051548	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051597	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0136		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	28-May-09	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051598	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051597	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2) SA95070-10	107307-3704-210	Soil	18-May-09 10:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.41 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.4	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	53.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	53.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2)	107307-3704-210	Soil	18-May-09 10:00	19-May-09
SA95070-10				

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: 6.41 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW846 8260B	20-May-09	21-May-09	9051430	X
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	108	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	26.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2150	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	382	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	382	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	382	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	382	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	510		µg/kg dry	382	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	382	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	382	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	382	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	382	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2) SA95070-10	107307-3704-210	Soil	18-May-09 10:00	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	382	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	382	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	382	1	"	"	"	"	X
218-01-9	Chrysene	414		µg/kg dry	382	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	382	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	382	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	382	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	382	1	"	"	"	"	X
206-44-0	Fluoranthene	667		µg/kg dry	382	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	382	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	382	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	382	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	382	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	382	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	382	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	382	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1530	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1530	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	382	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	382	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2)	107307-3704-210	Soil	18-May-09 10:00	19-May-09
SA95070-10				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	382	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	382	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	382	1	"	"	"	"	X
129-00-0	Pyrene	660		µg/kg dry	382	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	382	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	382	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	382	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*70*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.3	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.3	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.3	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.3	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.3	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.3	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.4	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.4	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.4	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.4	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.4	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.4	1	"	"	"	"	
	Unidentified	71.6		mg/kg dry	15.4	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.4	1	"	"	"	"	
	Total Petroleum Hydrocarbons	71.6		mg/kg dry	15.4	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	71.6		mg/kg dry	15.4	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*53*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-10 (0-2) SA95070-10	107307-3704-210	Soil	18-May-09 10:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	29-May-09	9051808	X
7440-38-2	Arsenic	6.89		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	35.6		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.539	1	"	"	"	"	X
7440-47-3	Chromium	12.6		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	36.5		mg/kg dry	1.62	1	SW846 6010B	"	29-May-09	9051808	X
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0188		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4) SA95070-11	107307-3704-210	Soil	18-May-09 11:45	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.92 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW846 8260B	20-May-09	21-May-09	9051430	X
67-64-1	Acetone	BRL		µg/kg dry	75.4	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	75.4	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	16.1		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	75.4	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	75.4	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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: 4.92 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW846 8260B	20-May-09	21-May-09	9051430	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	9.8		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	75.4	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.4	1	"	"	"	"	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	3010	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	409	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	409	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	409	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	409	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	409	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	409	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	409	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	409	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	409	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	409	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	409	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	409	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	409	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	409	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4)	107307-3704-210	Soil	18-May-09 11:45	19-May-09
SA95070-11				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	409	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	409	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*44*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*47*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.1	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Unidentified	381		mg/kg dry	16.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	381		mg/kg dry	16.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	381		mg/kg dry	16.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-15 (2-4) SA95070-11	107307-3704-210	Soil	18-May-09 11:45	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	4.27		mg/kg dry	1.60	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	14.3		mg/kg dry	1.60	1	"	"	"	"	X
7440-39-3	Barium	1,210		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	367		mg/kg dry	0.533	1	"	"	"	"	X
7440-47-3	Chromium	59.8		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	0.952		mg/kg dry	0.0339	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	2,290		mg/kg dry	1.60	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.23		mg/kg dry	1.60	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.186		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	0.0088		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	26-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	80.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.83 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	56.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	564	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	56.4	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	113	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	564	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	282	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	113	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	113	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	113	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	56.4	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	113	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	564	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	564	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	564	50	"	"	"	"	X
91-20-3	Naphthalene	248		µg/kg dry	56.4	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

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: 15.83 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	56.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	56.4	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	56.4	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	56.4	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	113	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	56.4	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	564	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	56.4	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	564	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1130	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	282	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	22500	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*77*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*78*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*78*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	3580	10	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	3580	10	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3580	10	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	3580	10	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	3580	10	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3580	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	3580	10	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3580	10	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	3580	10	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	3580	10	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3580	10	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3580	10	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3580	10	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	3580	10	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	3580	10	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3580	10	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3580	10	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	3580	10	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	14300	10	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	14300	10	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3580	10	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3580	10	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3)	107307-3704-210	Soil	18-May-09 12:40	19-May-09
SA95070-12				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3580	10	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	3580	10	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	3580	10	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3580	10	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	3580	10	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*51*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	7.61	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	7.61	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	7.61	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	7.61	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	7.61	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	7.61	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	7.61	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	7.61	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	6.99	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.61	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	7.61	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	11.4	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	11.4	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	11.4	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	11.4	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	11.4	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	11.4	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	11.4	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	7.61	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	7.61	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	152	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	19.0	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	7.61	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*113*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*49*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	10.9	1	SW846 8082	22-May-09	22-May-09	9051621	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
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	10.9	1	SW846 8082	22-May-09	22-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	10.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	10.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	20.3		µg/kg dry	10.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	10.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	10.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	22-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	72.1	5	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	72.1	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	72.1	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	72.1	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	72.1	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	72.1	5	"	"	"	"	
	Unidentified	1,490		mg/kg dry	72.1	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	72.1	5	"	"	"	"	
	Total Petroleum Hydrocarbons	1,490		mg/kg dry	72.1	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,490		mg/kg dry	72.1	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.40	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	7.26		mg/kg dry	1.40	1	"	"	"	"	X
7440-39-3	Barium	74.0		mg/kg dry	0.936	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.468	1	"	"	"	"	X
7440-43-9	Cadmium	0.880		mg/kg dry	0.468	1	"	"	"	"	X
7440-47-3	Chromium	28.9		mg/kg dry	0.936	1	"	"	"	"	X
7440-50-8	Copper	379		mg/kg dry	0.936	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.315		mg/kg dry	0.0295	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	19.9		mg/kg dry	0.936	1	SW846 6010B	"	30-May-09	9051808	X
7439-92-1	Lead	129		mg/kg dry	1.40	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/kg dry	4.68	1	"	"	"	"	X
7782-49-2	Selenium	2.59		mg/kg dry	1.40	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	2.81	1	"	"	"	"	X
7440-62-2	Vanadium	39.9		mg/kg dry	1.40	1	"	"	"	"	X
7440-66-6	Zinc	174		mg/kg dry	0.936	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	0.697		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0043		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0107		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	1.45		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	22-May-09	26-May-09	9051596	X
7440-02-0	Nickel	0.0322		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7439-92-1	Lead	0.636		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	1.07		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0294		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-50-8	Copper	0.0424		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7439-92-1	Lead	0.0076		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0500	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	91.5		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	8.40	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:49	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-16 (0-3) SA95070-12	107307-3704-210	Soil	18-May-09 12:40	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	25.0	1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Sulfide	BRL		mg/kg dry	49.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 16.06 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	60.7	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	607	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	60.7	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	121	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	607	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	303	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	121	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	121	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	121	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	60.7	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	121	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	607	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	607	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	607	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	60.7	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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: 16.06 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	60.7	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	60.7	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	60.7	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	60.7	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	121	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	60.7	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	607	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	60.7	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	607	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1210	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	303	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	24300	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*76*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*78*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*77*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	371	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	371	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	371	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	371	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	771		µg/kg dry	371	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	844		µg/kg dry	371	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,810		µg/kg dry	371	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	493		µg/kg dry	371	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	630		µg/kg dry	371	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	371	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	371	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	371	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	738		µg/kg dry	371	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	371	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	371	1	"	"	"	"	X
218-01-9	Chrysene	1,290		µg/kg dry	371	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	371	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	371	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	371	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	371	1	"	"	"	"	X
206-44-0	Fluoranthene	1,690		µg/kg dry	371	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	371	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	371	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	371	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	538		µg/kg dry	371	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	371	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	371	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	371	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1480	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1480	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	371	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	371	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2)	107307-3704-210	Soil	18-May-09 15:35	19-May-09
SA95070-13				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	371	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	371	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	371	1	"	"	"	"	X
129-00-0	Pyrene	2,160		µg/kg dry	371	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	371	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	371	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	371	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*83*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*76*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*92*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*75*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.6	1	SW846 8082	22-May-09	22-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.6	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.6	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.6	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.6	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.6	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	14.9	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.9	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.9	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.9	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	14.9	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	14.9	1	"	"	"	"	
	Unidentified	146		mg/kg dry	14.9	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	14.9	1	"	"	"	"	
	Total Petroleum Hydrocarbons	146		mg/kg dry	14.9	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	146		mg/kg dry	14.9	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*108*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-7 (0-2) SA95070-13	107307-3704-210	Soil	18-May-09 15:35	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	31.6		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	34.7		mg/kg dry	1.09	1	"	"	"	"	X
7440-43-9	Cadmium	0.716		mg/kg dry	0.543	1	"	"	"	"	X
7440-47-3	Chromium	15.0		mg/kg dry	1.09	1	"	"	"	"	X
7439-97-6	Mercury	0.0414		mg/kg dry	0.0335	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	29.4		mg/kg dry	1.63	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.10		mg/kg dry	1.63	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0235		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	87.4		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.61 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	71.1	50	SW846 8260B	22-May-09	22-May-09	9051624	X
67-64-1	Acetone	BRL		µg/kg dry	711	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	71.1	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	142	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	711	50	"	"	"	"	X
104-51-8	n-Butylbenzene	2,940		µg/kg dry	71.1	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	1,820		µg/kg dry	71.1	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	73.2		µg/kg dry	71.1	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	355	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	142	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	142	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	142	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	71.1	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	142	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
100-41-4	Ethylbenzene	825		µg/kg dry	71.1	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	711	50	"	"	"	"	X
98-82-8	Isopropylbenzene	667		µg/kg dry	71.1	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	1,640		µg/kg dry	71.1	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	711	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	711	50	"	"	"	"	X
91-20-3	Naphthalene	3,880		µg/kg dry	71.1	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

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 5030 Soil (high level)					Initial weight: 15.61 g						
103-65-1	n-Propylbenzene	1,870		µg/kg dry	71.1	50	SW846 8260B	22-May-09	22-May-09	9051624	X
100-42-5	Styrene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	71.1	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	71.1	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	71.1	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	71.1	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	8,590		µg/kg dry	71.1	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	2,310		µg/kg dry	71.1	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	71.1	50	"	"	"	"	X
179601-23-1	m,p-Xylene	1,000		µg/kg dry	142	50	"	"	"	"	X
95-47-6	o-Xylene	135		µg/kg dry	71.1	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	711	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	71.1	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	711	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1420	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	355	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	28400	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*96*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	476	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	476	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	476	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	476	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	476	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	476	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	476	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	476	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	476	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	476	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	476	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	476	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	476	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	476	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	476	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	476	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	476	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	476	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	476	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	476	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	476	1	"	"	"	"	X
86-73-7	Fluorene	510		µg/kg dry	476	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	476	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	476	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	476	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	1,780		µg/kg dry	476	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	476	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	1,560		µg/kg dry	476	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	476	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	476	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	476	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1910	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1910	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	476	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	476	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4)	107307-3704-210	Soil	18-May-09 16:00	19-May-09
SA95070-14				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	476	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
85-01-8	Phenanthrene	652		µg/kg dry	476	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	476	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	476	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	476	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	476	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	476	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*84*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*79*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*97*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*66*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.9	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*150*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*103*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	19.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	1,030		mg/kg dry	19.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	19.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	19.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	1,030		mg/kg dry	19.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1,030		mg/kg dry	19.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-6 (2-4) SA95070-14	107307-3704-210	Soil	18-May-09 16:00	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.65	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	3.91		mg/kg dry	1.65	1	"	"	"	"	X
7440-39-3	Barium	30.7		mg/kg dry	1.10	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.550	1	"	"	"	"	X
7440-47-3	Chromium	13.7		mg/kg dry	1.10	1	"	"	"	"	X
7439-97-6	Mercury	0.0390		mg/kg dry	0.0334	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	10.8		mg/kg dry	1.65	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.57		mg/kg dry	1.65	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0463		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	81.0		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 7.02 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.9	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	BRL		µg/kg dry	48.6	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	9.7	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	48.6	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	24.3	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	9.7	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	9.7	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	9.7	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	9.7	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	48.6	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	48.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	48.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

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: 7.02 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	SW846 8260B	22-May-09	22-May-09	9051619	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	9.7	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	48.6	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	48.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	97.2	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	24.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1940	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	376	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	376	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	376	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	376	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	376	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	376	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2)	107307-3704-210	Soil	18-May-09 16:15	19-May-09
SA95070-15				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	376	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	376	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	376	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	376	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	376	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	376	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	376	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	376	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	376	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	376	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	376	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	376	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	376	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	376	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	376	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1500	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1500	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	376	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	376	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2)	107307-3704-210	Soil	18-May-09 16:15	19-May-09
SA95070-15				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	376	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	376	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	376	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	376	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	376	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	376	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	376	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*82*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*69*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*76*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.9	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*110*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	15.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*92*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-3 (0-2) SA95070-15	107307-3704-210	Soil	18-May-09 16:15	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	5.38		mg/kg dry	1.62	1	"	"	"	"	X
7440-39-3	Barium	38.1		mg/kg dry	1.08	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.540	1	"	"	"	"	X
7440-47-3	Chromium	16.1		mg/kg dry	1.08	1	"	"	"	"	X
7439-97-6	Mercury	0.0508		mg/kg dry	0.0333	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	13.1		mg/kg dry	1.62	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.26		mg/kg dry	1.62	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0119		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	86.8		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2) SA95070-16	107307-3704-210	Soil	18-May-09 16:35	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.07 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	4.4	1	SW846 8260B	21-May-09	22-May-09	9051534	X
67-64-1	Acetone	BRL		µg/kg dry	43.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.4	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.8	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.4	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.8	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	43.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	43.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	4.4	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2)	107307-3704-210	Soil	18-May-09 16:35	19-May-09
SA95070-16				

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: 6.07 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.4	1	SW846 8260B	21-May-09	22-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.4	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.4	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.4	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	8.8	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	4.4	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	43.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.4	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	43.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	87.9	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	22.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1760	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	334	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	334	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	334	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	334	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	334	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	334	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	334	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	334	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2)	107307-3704-210	Soil	18-May-09 16:35	19-May-09
SA95070-16				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	334	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	334	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	334	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	334	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	334	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	334	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	334	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	334	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	334	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	334	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	334	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	334	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	334	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	334	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	334	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	334	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	334	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	334	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	334	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	334	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	334	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1340	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1340	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	334	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	334	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2)	107307-3704-210	Soil	18-May-09 16:35	19-May-09
SA95070-16				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	334	1	SW846 8270C	26-May-09	29-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	334	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	334	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	334	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	334	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	334	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	334	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*79*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*72*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	20.1	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	20.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	20.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	20.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	20.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	20.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	13.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	13.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	13.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	13.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	13.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Unidentified	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Other Oil	BRL		mg/kg dry	13.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	13.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	13.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
B-2 (0-2) SA95070-16	107307-3704-210	Soil	18-May-09 16:35	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.38	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.31		mg/kg dry	1.38	1	"	"	"	"	X
7440-39-3	Barium	22.5		mg/kg dry	0.919	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.460	1	"	"	"	"	X
7440-47-3	Chromium	6.02		mg/kg dry	0.919	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0293	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	6.60		mg/kg dry	1.38	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	1.61		mg/kg dry	1.38	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0102		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	97.1		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.54 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	79.9	50	SW846 8260B	26-May-09	27-May-09	9051803	X
67-64-1	Acetone	BRL		µg/kg dry	799	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	79.9	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	160	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	799	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	400	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	160	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	160	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	160	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	79.9	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	160	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	799	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	799	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	799	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	79.9	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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: 15.54 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	79.9	50	SW846 8260B	26-May-09	27-May-09	9051803	X
100-42-5	Styrene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	79.9	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	79.9	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	79.9	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	160	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	79.9	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	799	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	79.9	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	799	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1600	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	400	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	32000	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	427	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	427	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	427	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	427	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	443		µg/kg dry	427	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	449		µg/kg dry	427	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	537		µg/kg dry	427	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	427	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	427	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	427	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	427	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	427	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	427	1	"	"	"	"	X
218-01-9	Chrysene	470		µg/kg dry	427	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	427	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	427	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	427	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	427	1	"	"	"	"	X
206-44-0	Fluoranthene	753		µg/kg dry	427	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	427	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	427	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	427	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	427	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	427	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	427	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	427	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1710	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1710	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	427	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	427	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2)	107307-3704-210	Soil	19-May-09 08:30	19-May-09
SA95070-17				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	427	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	427	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	427	1	"	"	"	"	X
129-00-0	Pyrene	687		µg/kg dry	427	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	427	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	427	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	427	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*93*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	26.1	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	26.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	26.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	26.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	26.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	26.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*106*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.2	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.2	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.2	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.2	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.2	1	"	"	"	"	
	Unidentified	158		mg/kg dry	17.2	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.2	1	"	"	"	"	
	Total Petroleum Hydrocarbons	158		mg/kg dry	17.2	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	158		mg/kg dry	17.2	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*54*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-1 (0-2) SA95070-17	107307-3704-210	Soil	19-May-09 08:30	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.90	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.76		mg/kg dry	1.90	1	"	"	"	"	X
7440-39-3	Barium	60.8		mg/kg dry	1.27	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.634	1	"	"	"	"	X
7440-47-3	Chromium	17.1		mg/kg dry	1.27	1	"	"	"	"	X
7439-97-6	Mercury	0.126		mg/kg dry	0.0387	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	45.9		mg/kg dry	1.90	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	3.14		mg/kg dry	1.90	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0274		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	75.6		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.95 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	21-May-09	22-May-09	9051534	X
67-64-1	Acetone	90.6		µg/kg dry	54.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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: 5.95 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	21-May-09	22-May-09	9051534	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2180	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*95*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1860	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1860	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1860	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1860	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1860	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	2,060		µg/kg dry	1860	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1860	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1860	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1860	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1860	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1860	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

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			R05								
Prepared by method SW846 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1860	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1860	5	"	"	"	"	X
218-01-9	Chrysene	2,320		µg/kg dry	1860	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1860	5	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1860	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1860	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1860	5	"	"	"	"	X
206-44-0	Fluoranthene	4,450		µg/kg dry	1860	5	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1860	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1860	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1860	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1860	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1860	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	7430	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	7430	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1860	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1860	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6)	107307-3704-210	Soil	19-May-09 09:20	19-May-09
SA95070-18				

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			R05								
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1860	5	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
85-01-8	Phenanthrene	4,410		µg/kg dry	1860	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
129-00-0	Pyrene	4,340		µg/kg dry	1860	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1860	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1860	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1860	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	7.71	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	7.71	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	7.71	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	7.71	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	7.71	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	7.71	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	7.71	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	7.71	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.71	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	7.71	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	11.6	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	11.6	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	11.6	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	11.6	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	11.6	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	11.6	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	11.6	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	7.71	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	7.71	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	154	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	19.3	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	7.71	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	11.0	1	SW846 8082	22-May-09	23-May-09	9051621	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
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	11.0	1	SW846 8082	22-May-09	23-May-09	9051621	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	11.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	11.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	11.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	11.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	11.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	35.9		µg/kg dry	11.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	11.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	21-May-09	22-May-09	9051501	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.0	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.0	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.0	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.0	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.0	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.0	1	"	"	"	"	
	Unidentified	407		mg/kg dry	15.0	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.0	1	"	"	"	"	
	Total Petroleum Hydrocarbons	407		mg/kg dry	15.0	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	407		mg/kg dry	15.0	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	4.14		mg/kg dry	1.63	1	"	"	"	"	X
7440-39-3	Barium	92.4		mg/kg dry	1.09	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.544	1	"	"	"	"	X
7440-43-9	Cadmium	1.47		mg/kg dry	0.544	1	"	"	"	"	X
7440-47-3	Chromium	20.5		mg/kg dry	1.09	1	"	"	"	"	X
7440-50-8	Copper	149		mg/kg dry	1.09	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.137		mg/kg dry	0.0320	1	SW846 7471A	27-May-09	01-Jun-09	9051809	X
7440-02-0	Nickel	21.2		mg/kg dry	1.09	1	SW846 6010B	"	30-May-09	9051808	X
Total Lead by ICP											
Prepared by method SW846 3050B											
7439-92-1	Lead	156		mg/kg dry	1.63	1	"	"	"	"	X
Re-analysis of Total Lead by ICP											
7439-92-1	Lead	397		mg/kg dry	1.56	1	SW846 6010B	10-Jun-09	10-Jun-09	9060767	X
7440-36-0	Antimony	1.03		mg/kg dry	1.02	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7782-49-2	Selenium	2.79		mg/kg dry	1.63	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	3.26	1	"	"	"	"	X
7440-62-2	Vanadium	30.9		mg/kg dry	1.63	1	"	"	"	"	X
7440-66-6	Zinc	347		mg/kg dry	1.09	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
TCLP Extraction for Metals											
Prepared by method SW846 1311											
	TCLP Extraction	Completed		N/A		1	SW846 1311	21-May-09	21-May-09	9051544	X
Re-analysis of TCLP Extraction for Metals											
	TCLP Extraction	Completed		N/A		1	SW846 1311	08-Jun-09	08-Jun-09	9060622	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	X
7440-39-3	Barium	1.25		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0122		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0099		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.992		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	22-May-09	26-May-09	9051596	X
7440-02-0	Nickel	0.0398		mg/l	0.0050	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
TCLP Lead by ICP											
Prepared by method SW846 3010A											
7439-92-1	Lead	7.70		mg/l	0.0075	1	"	"	"	"	X
Re-analysis of TCLP Lead by ICP											
7439-92-1	Lead	1.25		mg/l	0.0150	1	SW846 1311/6010B	09-Jun-09	10-Jun-09	9060658	X
7440-36-0	Antimony	0.0366		mg/l	0.0060	1	SW846 1311/6010B	22-May-09	26-May-09	9051600	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	27-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	26-May-09	"	X
7440-66-6	Zinc	1.97		mg/l	0.150	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
SPLP Extraction for Metals											
Prepared by method SW846 1312											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
Re-analysis of SPLP Extraction for Metals											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Jun-09	08-Jun-09	9060623	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0244		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-50-8	Copper	0.0328		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-2 (4-6) SA95070-18	107307-3704-210	Soil	19-May-09 09:20	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
SPLP Lead by ICP											
Prepared by method SW846 3010A											
7439-92-1	Lead	0.0324		mg/l	0.0075	1	"	"	"	"	
Re-analysis of SPLP Lead by ICP											
7439-92-1	Lead	0.0500		mg/l	0.0150	1	SW846 1312/6010B	09-Jun-09	10-Jun-09	9060651	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	BRL		mg/l	0.0500	1	"	"	"	"	
7440-66-6	Zinc	BRL		mg/l	0.0500	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	88.0		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	20-May-09 09:05	20-May-09 16:51	9051412	X
	pH	7.33	pH	pH Units		1	SW846 9045C	20-May-09 11:16	20-May-09 13:54	9051440	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051654	X
	Reactive Cyanide	BRL		mg/kg dry	25.0	1	"	"	"	"	X
	Reactive Sulfide	BRL		mg/kg dry	49.9	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

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	19-May-09	19-May-09	9051381	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.04 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	BRL		µg/kg dry	65.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	65.8	1	"	"	"	"	X
91-20-3	Naphthalene	34.7		µg/kg dry	6.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

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: 6.04 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2630	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	409	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	409	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	409	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	409	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	878		µg/kg dry	409	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	801		µg/kg dry	409	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	935		µg/kg dry	409	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	409	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	530		µg/kg dry	409	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	409	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2)	107307-3704-210	Soil	19-May-09 12:40	19-May-09
SA95070-19				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	409	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	1,230		µg/kg dry	409	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	409	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	409	1	"	"	"	"	X
218-01-9	Chrysene	983		µg/kg dry	409	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	409	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	409	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	409	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	409	1	"	"	"	"	X
206-44-0	Fluoranthene	1,780		µg/kg dry	409	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	409	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	409	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	409	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	409	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	409	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	409	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	409	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1640	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1640	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	409	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	409	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	409	1	SW846 8270C	26-May-09	27-May-09	9051798	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
85-01-8	Phenanthrene	1,570		µg/kg dry	409	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	409	1	"	"	"	"	X
129-00-0	Pyrene	1,650		µg/kg dry	409	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	409	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	409	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	409	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*49*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*43*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*83*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.0	1	SW846 8082	22-May-09	23-May-09	9051621	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.0	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.0	1	"	"	"	"	X
12672-29-6	Aroclor-1248	301		µg/kg dry	24.0	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11096-82-5	Aroclor-1260	50.2		µg/kg dry	24.0	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.0	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.0	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*109*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.5	1	+CT ETPH	26-May-09	28-May-09	9051797	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.5	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.5	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.5	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	16.5	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.5	1	"	"	"	"	
	Unidentified	222		mg/kg dry	16.5	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.5	1	"	"	"	"	
	Total Petroleum Hydrocarbons	222		mg/kg dry	16.5	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	222		mg/kg dry	16.5	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-3 (0-2) SA95070-19	107307-3704-210	Soil	19-May-09 12:40	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.77	1	SW846 6010B	27-May-09	30-May-09	9051808	X
7440-38-2	Arsenic	6.48		mg/kg dry	1.77	1	"	"	"	"	X
7440-39-3	Barium	74.9		mg/kg dry	1.18	1	"	"	"	"	X
7440-43-9	Cadmium	1.04		mg/kg dry	0.589	1	"	"	"	"	X
7440-47-3	Chromium	21.3		mg/kg dry	1.18	1	"	"	"	"	X
7439-97-6	Mercury	0.588		mg/kg dry	0.0353	1	SW846 7471A	"	01-Jun-09	9051809	X
7439-92-1	Lead	142		mg/kg dry	1.77	1	SW846 6010B	"	30-May-09	9051808	X
7782-49-2	Selenium	2.71		mg/kg dry	1.77	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-09	21-May-09	9051550	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	
7440-39-3	Barium	0.0302		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	29-May-09	01-Jun-09	9051908	
7439-92-1	Lead	0.0191		mg/l	0.0075	1	SW846 1312/6010B	22-May-09	27-May-09	9051595	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	78.9		%		1	SM2540 G Mod.	20-May-09	20-May-09	9051437	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
208-96-8	Acenaphthylene	BRL		µg/l	5.38	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.38	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.38	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.38	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.38	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.38	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.38	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.38	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.38	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.38	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.38	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.38	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.38	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.38	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.38	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.38	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.38	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.38	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.38	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	10.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	21.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	21.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.38	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.38	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.38	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	21.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.38	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-95-2	Phenol	BRL		µg/l	5.38	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.38	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*104*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	21-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.217	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.217	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.217	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.217	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.217	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.217	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.217	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-1 SA95070-20	107307-3704-210	Ground Water	15-May-09 10:30	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.217	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.217	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*55*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0089		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.209		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0351		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0270		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0776		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
208-96-8	Acenaphthylene	BRL		µg/l	5.21	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.21	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.21	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.21	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.21	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.21	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.21	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.21	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.21	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.21	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.21	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.21	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.21	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.21	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.21	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.21	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.21	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.21	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.21	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.21	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.21	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.21	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.21	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.21	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.21	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.21	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.21	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.21	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	10.4	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.21	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.21	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	20.8	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.21	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	20.8	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.21	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.21	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.21	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	20.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09
SA95070-21				

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.21	1	SW846 8270C	20-May-09	26-May-09	9051400	X
108-95-2	Phenol	BRL		µg/l	5.21	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.21	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.21	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.21	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.21	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.21	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.21	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*37*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*22*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*103*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	21-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	alpha-BHC	BRL		µg/l	0.0215	1	SW846 8081A	21-May-09	22-May-09	9051518	X
319-85-7	beta-BHC	BRL		µg/l	0.0215	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/l	0.0215	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/l	0.0215	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/l	0.0215	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/l	0.0215	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/l	0.0215	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
959-98-8	Endosulfan I	BRL		µg/l	0.0215	1	SW846 8081A	21-May-09	22-May-09	9051518	X
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0215	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/l	0.0430	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/l	0.0430	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0430	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/l	0.0430	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0430	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/l	0.0430	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/l	0.0430	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/l	0.0430	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/l	0.0215	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/l	0.0215	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/l	0.5376	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/l	0.5376	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/l	0.0215	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.0650	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.0650	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.0650	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.0650	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.0650	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.0650	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.0650	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.0650	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*48*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*37*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	21-May-09	21-May-09	9051539	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*106*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

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 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0485		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	01-Jun-09	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0086		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0264		mg/l	0.0050	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9052037	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0445		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0198		mg/l	0.0050	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9052039	X
General Chemistry Parameters											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-4 SA95070-21	107307-3704-210	Ground Water	15-May-09 09:50	19-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
General Chemistry Parameters											
	pH	5.95	pH	pH Units		1	ASTM D 1293-99B	19-May-09 14:30	19-May-09 20:02	9051382	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/l		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051661	
	Reactive Cyanide	BRL		mg/l	25.0	1	"	"	"	"	
	Reactive Sulfide	BRL		mg/l	50.0	1	"	"	"	"	
Toxicity Characteristics											
	Flashpoint	>200		°F		1	SW846 1010	27-May-09	28-May-09	9051937	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09
SA95070-22				

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.62	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.62	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.62	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.62	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.62	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.62	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.62	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.62	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.62	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.62	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.62	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.62	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.62	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.62	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.62	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.62	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.62	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.62	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.62	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.62	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.62	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.62	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.62	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.62	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.62	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.62	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.62	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.62	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.62	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.62	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	22.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.62	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	22.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.62	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.62	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.62	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	22.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.62	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.62	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.62	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.62	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.62	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.62	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.62	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.62	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*41*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*95*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.101		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	0.135		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	0.112		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	0.202		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	0.101		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	0.112		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	0.124		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	0.281		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	0.090		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.135		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	0.236		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.206	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.206	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.206	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.206	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.206	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.206	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.206	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-10 SA95070-22	107307-3704-210	Ground Water	18-May-09 10:45	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.206	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.206	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*42*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0079		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0442		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0142		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0098		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0154		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	12.4		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	21-May-09	22-May-09	9051555	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	1.2		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	12.7		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			GS								
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.88	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.88	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.88	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.88	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.88	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.88	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.88	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.88	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.88	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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			GS								
Prepared by method SW846 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.88	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.88	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.88	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.88	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.88	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.88	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.88	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.88	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.88	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.88	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.88	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.88	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.88	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.88	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.88	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.88	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.88	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.88	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.88	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	23.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.88	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	23.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.88	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.88	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.88	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	23.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

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			GS								
Prepared by method SW846 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.88	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.88	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.88	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.88	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.88	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.88	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.88	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.88	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*41*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*25*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*58*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*105*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	alpha-BHC	BRL		µg/l	0.0222	1	SW846 8081A	21-May-09	22-May-09	9051518	X
319-85-7	beta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/l	0.0222	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/l	0.0222	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/l	0.0222	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/l	0.0222	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/l	0.0222	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0222	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/l	0.0444	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/l	0.0444	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/l	0.0444	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/l	0.0444	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/l	0.0444	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/l	0.0444	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/l	0.5556	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/l	0.5556	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/l	0.0222	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*107*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.0650	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
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
11141-16-5	Aroclor-1232	BRL		µg/l	0.0650	1	SW846 8082	21-May-09	23-May-09	9051510	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.0650	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.0650	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.0650	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.0650	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.0650	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.0650	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	21-May-09	21-May-09	9051539	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	1.9		mg/l	0.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	1.9		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1.9		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0206		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.363		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0447		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.278		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.0310		mg/l	0.0050	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-B-16 SA95070-23	107307-3704-210	Ground Water	18-May-09 14:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-92-1	Lead	0.126		mg/l	0.0075	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	01-Jun-09	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0136		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-62-2	Vanadium	0.0258		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.405		mg/l	0.0050	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00036		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9052037	X
7440-38-2	Arsenic	0.0049		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.167		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.0054		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.0176		mg/l	0.0050	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9052039	X
General Chemistry Parameters											
	pH	7.16	pH	pH Units		1	ASTM D 1293-99B	19-May-09 14:30	19-May-09 20:02	9051382	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/l		1	SW846 Ch. 7.3	22-May-09	22-May-09	9051661	
	Reactive Cyanide	BRL		mg/l	25.0	1	"	"	"	"	
	Reactive Sulfide	BRL		mg/l	50.0	1	"	"	"	"	
Toxicity Characteristics											
	Flashpoint	>200		°F		1	SW846 1010	27-May-09	28-May-09	9051937	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	11.2		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	1.2		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	5.4		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09
SA95070-24				

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.56	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.56	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.56	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.56	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.56	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.56	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.56	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.56	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.56	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.56	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.56	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.56	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.56	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.56	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.56	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.56	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.56	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.56	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.56	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.56	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.56	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.56	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.56	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.56	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.56	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.56	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	11.1	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.56	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.56	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	22.2	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.56	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	22.2	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.56	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.56	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.56	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	22.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-2	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09
SA95070-24				

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.56	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.56	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.56	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.56	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.56	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.56	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.56	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.56	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*37*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*22*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*52*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*88*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	2.23		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	0.333		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.322		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	0.511		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	0.511		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	0.644		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	0.867		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	0.578		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	0.567		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	0.700		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	0.156		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	1.26		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	1.26		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	0.522		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.333		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	1.22		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	1.32		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	1.12		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*51*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*56*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.211	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.211	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.211	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.211	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.211	1	"	"	"	"	X
11097-69-1	Aroclor-1254	0.360		µg/l	0.211	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.211	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
GW-TP-2 SA95070-24	107307-3704-210	Ground Water	19-May-09 11:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.211	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.211	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*34*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0204		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.309		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0430		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.343		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00053		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	0.0047		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.150		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0096		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	28-May-09	28-May-09	9052007	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	6.02	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	6.02	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	6.02	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.02	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	6.02	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.02	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	6.02	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	6.02	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.02	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.02	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.02	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	6.02	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.02	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	6.02	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.02	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	6.02	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	6.02	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	6.02	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.02	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.02	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.02	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	6.02	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	6.02	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.02	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.02	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	6.02	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	6.02	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	6.02	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	12.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	6.02	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	6.02	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	24.1	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	6.02	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	24.1	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.02	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	6.02	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.02	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	24.1	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	6.02	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	6.02	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	6.02	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	6.02	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	6.02	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	6.02	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	6.02	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	6.02	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*40*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*24*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*93*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	0.663		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	0.241		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	0.241		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	0.675		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	0.157		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.213	1	SW846 8082	21-May-09	23-May-09	9051510	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.213	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.213	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.213	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.213	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.213	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.213	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-1 SA95070-25	107307-3704-210	Ground Water	19-May-09 12:00	19-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
37324-23-5	Aroclor-1262	BRL		µg/l	0.213	1	SW846 8082	21-May-09	23-May-09	9051510	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.213	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	21-May-09	22-May-09	9051512	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*63*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	29-May-09	29-May-09	9051811	X
7440-38-2	Arsenic	0.0160		mg/l	0.0040	1	"	"	01-Jun-09	"	X
7440-39-3	Barium	0.0887		mg/l	0.0050	1	"	"	29-May-09	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	01-Jun-09	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	29-May-09	01-Jun-09	9051812	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	20-May-09	20-May-09	9051464	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051780	X
7440-38-2	Arsenic	0.0115		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.0648		mg/l	0.0050	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	02-Jun-09	9051781	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
Blank (9051430-BLK1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
Blank (9051430-BLK1)										
Prepared & Analyzed: 20-May-09										
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/kg wet		20.0		121	70-130		
Acetone	12.0		µg/kg wet		20.0		60	40-193		
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130		
Benzene	18.1		µg/kg wet		20.0		90	70-130		
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.1		µg/kg wet		20.0		95	70-130		
Bromoform	22.2		µg/kg wet		20.0		111	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	62.9-131		
2-Butanone (MEK)	13.8		µg/kg wet		20.0		69	47-163		
n-Butylbenzene	17.6		µg/kg wet		20.0		88	70-130		
sec-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Carbon disulfide	18.6		µg/kg wet		20.0		93	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130		
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130		
Chloroform	18.7		µg/kg wet		20.0		93	70-130		
Chloromethane	13.7	QC2	µg/kg wet		20.0		69	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		105	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	16.1		µg/kg wet		20.0		80	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	24.1		µg/kg wet		20.0		121	70-130		
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130		
Dichlorodifluoromethane (Freon12)	17.9		µg/kg wet		20.0		89	62.6-136		
1,1-Dichloroethane	17.3		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130		
1,1-Dichloroethene	21.5		µg/kg wet		20.0		108	70-130		
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	16.7		µg/kg wet		20.0		84	70-130		
1,3-Dichloropropane	18.7		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130		
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	19.2		µg/kg wet		20.0		96	70-130		
2-Hexanone (MBK)	12.6	QC2	µg/kg wet		20.0		63	70-130		
Isopropylbenzene	19.6		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	70-130		
Methylene chloride	19.1		µg/kg wet		20.0		96	70-130		
Naphthalene	16.8		µg/kg wet		20.0		84	70-130		
n-Propylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Styrene	21.8		µg/kg wet		20.0		109	70-130		
1,1,1,2-Tetrachloroethane	22.7		µg/kg wet		20.0		114	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	24.3		µg/kg wet		20.0		121	70-130		
Toluene	19.4		µg/kg wet		20.0		97	70-130		
1,2,3-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130		
1,2,4-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		106	70-140		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS (9051430-BS1)										
Prepared & Analyzed: 20-May-09										
Vinyl chloride	17.2		µg/kg wet		20.0		86	70-130		
m,p-Xylene	44.9		µg/kg wet		40.0		112	70-130		
o-Xylene	23.0		µg/kg wet		20.0		115	70-130		
Tetrahydrofuran	12.6	QC2	µg/kg wet		20.0		63	70-130		
Ethyl ether	18.1		µg/kg wet		20.0		90	70-132		
Tert-amyl methyl ether	17.0		µg/kg wet		20.0		85	70-130		
Ethyl tert-butyl ether	15.1		µg/kg wet		20.0		75	70-130		
Di-isopropyl ether	13.6	QC2	µg/kg wet		20.0		68	70-130		
Tert-Butanol / butyl alcohol	174		µg/kg wet		200		87	70-130		
1,4-Dioxane	179		µg/kg wet		200		90	59.1-148		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		102	70-130		
Ethanol	268	QC1	µg/kg wet		400		67	70-130		
Surrogate: 4-Bromofluorobenzene	*57.3*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*42.8*		µg/kg wet		*50.0*		*86*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS Dup (9051430-BSD1)										
Prepared & Analyzed: 20-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130	1	25
Acetone	11.9		µg/kg wet		20.0		59	40-193	1	50
Acrylonitrile	17.3		µg/kg wet		20.0		86	70-130	4	25
Benzene	18.2		µg/kg wet		20.0		91	70-130	0.9	25
Bromobenzene	23.4		µg/kg wet		20.0		117	70-130	0.7	25
Bromochloromethane	20.4		µg/kg wet		20.0		102	70-130	2	25
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130	0.7	25
Bromoform	22.8		µg/kg wet		20.0		114	70-130	3	25
Bromomethane	16.0		µg/kg wet		20.0		80	62.9-131	0.9	50
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	47-163	3	50
n-Butylbenzene	17.3		µg/kg wet		20.0		87	70-130	2	25
sec-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	0.6	25
Carbon disulfide	21.0		µg/kg wet		20.0		105	70-130	12	25
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130	0.05	25
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130	0.4	25
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130	0.2	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	0.1	25
Chloromethane	14.0	QC2	µg/kg wet		20.0		70	70-130	2	25
2-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130	2	25
4-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	3	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130	6	25
Dibromochloromethane	21.0		µg/kg wet		20.0		105	70-130	2	50
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130	1	25
Dibromomethane	19.2		µg/kg wet		20.0		96	70-130	2	25
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	1	25
1,3-Dichlorobenzene	23.5		µg/kg wet		20.0		117	70-130	3	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		87	62.6-136	2	50
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88	70-130	2	25
1,2-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	7	25
1,1-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051430 - SW846 5035A Soil (low level)										
LCS Dup (9051430-BSD1)										
Prepared & Analyzed: 20-May-09										
cis-1,2-Dichloroethene	20.7		µg/kg wet		20.0		103	70-130	0.6	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	2	25
1,2-Dichloropropane	16.9		µg/kg wet		20.0		85	70-130	1	25
1,3-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	4	25
2,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	0.5	25
1,1-Dichloropropene	19.3		µg/kg wet		20.0		97	70-130	1	25
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	0.1	25
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130	1	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Hexachlorobutadiene	18.8		µg/kg wet		20.0		94	70-130	2	50
2-Hexanone (MBK)	13.4	QC2	µg/kg wet		20.0		67	70-130	6	25
Isopropylbenzene	19.3		µg/kg wet		20.0		96	70-130	2	25
4-Isopropyltoluene	20.1		µg/kg wet		20.0		101	70-130	1	25
Methyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130	4	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/kg wet		20.0		106	70-130	16	50
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130	4	25
Naphthalene	16.2		µg/kg wet		20.0		81	70-130	4	25
n-Propylbenzene	21.8		µg/kg wet		20.0		109	70-130	2	25
Styrene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,1,1,2-Tetrachloroethane	22.4		µg/kg wet		20.0		112	70-130	1	25
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		107	70-130	1	25
Tetrachloroethene	23.5		µg/kg wet		20.0		118	70-130	3	25
Toluene	19.8		µg/kg wet		20.0		99	70-130	2	25
1,2,3-Trichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
1,2,4-Trichlorobenzene	15.9		µg/kg wet		20.0		80	70-130	3	25
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	0.9	25
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	1	25
1,1,2-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	2	25
Trichloroethene	20.6		µg/kg wet		20.0		103	70-130	0.4	25
Trichlorofluoromethane (Freon 11)	21.0		µg/kg wet		20.0		105	70-140	0.6	50
1,2,3-Trichloropropane	23.0		µg/kg wet		20.0		115	70-130	0.7	25
1,2,4-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130	2	25
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.4	25
Vinyl chloride	17.0		µg/kg wet		20.0		85	70-130	2	25
m,p-Xylene	44.4		µg/kg wet		40.0		111	70-130	1	25
o-Xylene	22.9		µg/kg wet		20.0		114	70-130	0.7	25
Tetrahydrofuran	13.7	QC2	µg/kg wet		20.0		69	70-130	8	25
Ethyl ether	19.1		µg/kg wet		20.0		95	70-132	5	50
Tert-amyl methyl ether	17.3		µg/kg wet		20.0		86	70-130	2	25
Ethyl tert-butyl ether	15.6		µg/kg wet		20.0		78	70-130	4	25
Di-isopropyl ether	13.8	QC2	µg/kg wet		20.0		69	70-130	1	25
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130	7	25
1,4-Dioxane	190		µg/kg wet		200		95	59.1-148	6	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	1	25
Ethanol	296		µg/kg wet		400		74	70-130	10	30
Surrogate: 4-Bromofluorobenzene	*57.0*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
Blank (9051534-BLK1)										
Prepared & Analyzed: 21-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
Blank (9051534-BLK1)										
Prepared & Analyzed: 21-May-09										
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.6		µg/kg wet		20.0		123	70-130		
Acetone	10.3		µg/kg wet		20.0		52	40-193		
Acrylonitrile	16.0		µg/kg wet		20.0		80	70-130		
Benzene	17.8		µg/kg wet		20.0		89	70-130		
Bromobenzene	23.4		µg/kg wet		20.0		117	70-130		
Bromochloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.7		µg/kg wet		20.0		114	70-130		
Bromomethane	15.8		µg/kg wet		20.0		79	62.9-131		
2-Butanone (MEK)	13.3		µg/kg wet		20.0		66	47-163		
n-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130		
sec-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Carbon disulfide	17.4		µg/kg wet		20.0		87	70-130		
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130		
Chlorobenzene	22.1		µg/kg wet		20.0		111	70-130		
Chloroethane	15.8		µg/kg wet		20.0		79	64.2-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
Chloroform	18.2		µg/kg wet		20.0		91	70-130		
Chloromethane	13.4	QC2	µg/kg wet		20.0		67	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	16.4		µg/kg wet		20.0		82	70-130		
Dibromochloromethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130		
Dibromomethane	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	24.4		µg/kg wet		20.0		122	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	62.6-136		
1,1-Dichloroethane	17.1		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	16.0		µg/kg wet		20.0		80	70-130		
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130		
1,3-Dichloropropane	17.9		µg/kg wet		20.0		89	70-130		
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130		
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	15.8		µg/kg wet		20.0		79	70-130		
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	20.1		µg/kg wet		20.0		100	70-130		
2-Hexanone (MBK)	13.3	QC2	µg/kg wet		20.0		67	70-130		
Isopropylbenzene	20.3		µg/kg wet		20.0		102	70-130		
4-Isopropyltoluene	21.1		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	17.8		µg/kg wet		20.0		89	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	70-130		
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130		
Naphthalene	16.9		µg/kg wet		20.0		84	70-130		
n-Propylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	23.8		µg/kg wet		20.0		119	70-130		
Toluene	18.8		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,2,4-Trichlorobenzene	17.1		µg/kg wet		20.0		86	70-130		
1,3,5-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		99	70-130		
1,1,2-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130		
Trichloroethene	20.3		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.5		µg/kg wet		20.0		107	70-140		
1,2,3-Trichloropropane	23.2		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS (9051534-BS1)										
Prepared & Analyzed: 21-May-09										
m,p-Xylene	45.5		µg/kg wet		40.0		114	70-130		
o-Xylene	23.6		µg/kg wet		20.0		118	70-130		
Tetrahydrofuran	11.8	QC2	µg/kg wet		20.0		59	70-130		
Ethyl ether	17.7		µg/kg wet		20.0		88	70-132		
Tert-amyl methyl ether	15.2		µg/kg wet		20.0		76	70-130		
Ethyl tert-butyl ether	15.0		µg/kg wet		20.0		75	70-130		
Di-isopropyl ether	13.2	QC2	µg/kg wet		20.0		66	70-130		
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77	70-130		
1,4-Dioxane	167		µg/kg wet		200		83	59.1-148		
trans-1,4-Dichloro-2-butene	20.5		µg/kg wet		20.0		103	70-130		
Ethanol	212	QC2	µg/kg wet		400		53	70-130		
Surrogate: 4-Bromofluorobenzene	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9051534-BSD1)										
Prepared & Analyzed: 21-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.2		µg/kg wet		20.0		121	70-130	2	25
Acetone	8.2		µg/kg wet		20.0		41	40-193	22	50
Acrylonitrile	15.6		µg/kg wet		20.0		78	70-130	2	25
Benzene	17.5		µg/kg wet		20.0		88	70-130	1	25
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130	1	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	3	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92	70-130	2	25
Bromoform	21.9		µg/kg wet		20.0		110	70-130	4	25
Bromomethane	15.6		µg/kg wet		20.0		78	62.9-131	1	50
2-Butanone (MEK)	12.0		µg/kg wet		20.0		60	47-163	10	50
n-Butylbenzene	18.9		µg/kg wet		20.0		95	70-130	2	25
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130	0.8	25
tert-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130	0.9	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	1	25
Carbon tetrachloride	19.8		µg/kg wet		20.0		99	70-130	0.2	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	0.8	25
Chloroethane	15.9		µg/kg wet		20.0		80	64.2-130	0.9	50
Chloroform	18.0		µg/kg wet		20.0		90	70-130	0.9	25
Chloromethane	13.3	QC2	µg/kg wet		20.0		67	70-130	1	25
2-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130	0.8	25
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130	0.09	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130	4	25
Dibromochloromethane	20.1		µg/kg wet		20.0		100	70-130	0.4	50
1,2-Dibromoethane (EDB)	18.8		µg/kg wet		20.0		94	70-130	5	25
Dibromomethane	18.1		µg/kg wet		20.0		90	70-130	2	25
1,2-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	1	25
1,3-Dichlorobenzene	24.1		µg/kg wet		20.0		120	70-130	1	25
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.6		µg/kg wet		20.0		88	62.6-136	1	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	0.4	25
1,2-Dichloroethane	16.0		µg/kg wet		20.0		80	70-130	0.1	25
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	0.2	25
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051534 - SW846 5035A Soil (low level)										
LCS Dup (9051534-BSD1)										
Prepared & Analyzed: 21-May-09										
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	15.9		µg/kg wet		20.0		80	70-130	4	25
1,3-Dichloropropane	17.9		µg/kg wet		20.0		90	70-130	0.2	25
2,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	0.8	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	0.2	25
cis-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	1	25
trans-1,3-Dichloropropene	15.5		µg/kg wet		20.0		78	70-130	2	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	0.1	25
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-130	3	50
2-Hexanone (MBK)	13.0	QC2	µg/kg wet		20.0		65	70-130	2	25
Isopropylbenzene	20.2		µg/kg wet		20.0		101	70-130	0.8	25
4-Isopropyltoluene	21.6		µg/kg wet		20.0		108	70-130	2	25
Methyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130	3	25
4-Methyl-2-pentanone (MIBK)	17.9		µg/kg wet		20.0		90	70-130	9	50
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130	3	25
Naphthalene	16.0		µg/kg wet		20.0		80	70-130	5	25
n-Propylbenzene	23.1		µg/kg wet		20.0		115	70-130	0.3	25
Styrene	22.0		µg/kg wet		20.0		110	70-130	1	25
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130	1	25
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	2	25
Tetrachloroethene	23.3		µg/kg wet		20.0		117	70-130	2	25
Toluene	18.8		µg/kg wet		20.0		94	70-130	0.1	25
1,2,3-Trichlorobenzene	17.0		µg/kg wet		20.0		85	70-130	5	25
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130	3	25
1,3,5-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130	0.1	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	0.4	25
1,1,2-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	4	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	21.3		µg/kg wet		20.0		106	70-140	1	50
1,2,3-Trichloropropane	22.9		µg/kg wet		20.0		115	70-130	1	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		111	70-130	0.5	25
1,3,5-Trimethylbenzene	21.5		µg/kg wet		20.0		108	70-130	0.09	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	0.7	25
m,p-Xylene	45.4		µg/kg wet		40.0		114	70-130	0.1	25
o-Xylene	23.3		µg/kg wet		20.0		116	70-130	2	25
Tetrahydrofuran	11.5	QC2	µg/kg wet		20.0		57	70-130	2	25
Ethyl ether	17.6		µg/kg wet		20.0		88	70-132	0.7	50
Tert-amyl methyl ether	17.2		µg/kg wet		20.0		86	70-130	12	25
Ethyl tert-butyl ether	14.7		µg/kg wet		20.0		73	70-130	2	25
Di-isopropyl ether	13.2	QC2	µg/kg wet		20.0		66	70-130	0.2	25
Tert-Butanol / butyl alcohol	132	QC1	µg/kg wet		200		66	70-130	16	25
1,4-Dioxane	147		µg/kg wet		200		74	59.1-148	12	25
trans-1,4-Dichloro-2-butene	19.9		µg/kg wet		20.0		99	70-130	3	25
Ethanol	201	QC2	µg/kg wet		400		50	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		

Batch 9051555 - SW846 5030 Water MS

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Blank (9051555-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL	CAL1	µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Blank (9051555-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.0*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98*	*70-130*		
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.5	QC1	µg/l		20.0		138	70-130		
Acetone	28.6		µg/l		20.0		143	41.6-158		
Acrylonitrile	21.7		µg/l		20.0		108	70-130		
Benzene	20.1		µg/l		20.0		101	70-130		
Bromobenzene	19.8		µg/l		20.0		99	70-130		
Bromochloromethane	22.2		µg/l		20.0		111	70-130		
Bromodichloromethane	26.2	QC1	µg/l		20.0		131	70-130		
Bromoform	29.5	QC2	µg/l		20.0		147	70-130		
Bromomethane	10.9		µg/l		20.0		54	47-147		
2-Butanone (MEK)	20.6		µg/l		20.0		103	60.9-144		
n-Butylbenzene	22.2		µg/l		20.0		111	70-130		
sec-Butylbenzene	22.0		µg/l		20.0		110	70-130		
tert-Butylbenzene	21.6		µg/l		20.0		108	70-130		
Carbon disulfide	22.6		µg/l		20.0		113	70-130		
Carbon tetrachloride	22.3		µg/l		20.0		112	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Chloroethane	19.9		µg/l		20.0		99	63.6-131		
Chloroform	22.8		µg/l		20.0		114	70-130		
Chloromethane	26.2	QC1	µg/l		20.0		131	70-130		
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130		
4-Chlorotoluene	21.8		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/l		20.0		100	70-130		
Dibromochloromethane	30.2	QC1	µg/l		20.0		151	58.8-145		
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130		
Dibromomethane	21.1		µg/l		20.0		105	70-130		
1,2-Dichlorobenzene	21.9		µg/l		20.0		110	70-130		
1,3-Dichlorobenzene	20.7		µg/l		20.0		104	70-130		
1,4-Dichlorobenzene	21.1		µg/l		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	20.3		µg/l		20.0		102	56.6-137		
1,1-Dichloroethane	47.9	QC1	µg/l		20.0		240	70-130		
1,2-Dichloroethane	22.3		µg/l		20.0		112	70-130		
1,1-Dichloroethene	22.5		µg/l		20.0		113	70-130		
cis-1,2-Dichloroethene	22.5		µg/l		20.0		112	70-130		
trans-1,2-Dichloroethene	49.0	CAL1, QC2	µg/l		20.0		245	70-130		
1,2-Dichloropropane	21.5		µg/l		20.0		108	70-130		
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130		
2,2-Dichloropropane	19.1		µg/l		20.0		95	70-130		
1,1-Dichloropropene	21.7		µg/l		20.0		109	70-130		
cis-1,3-Dichloropropene	22.3		µg/l		20.0		112	70-130		
trans-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
Ethylbenzene	20.9		µg/l		20.0		104	70-130		
Hexachlorobutadiene	19.8		µg/l		20.0		99	70-134		
2-Hexanone (MBK)	23.8		µg/l		20.0		119	70-130		
Isopropylbenzene	17.7		µg/l		20.0		89	70-130		
4-Isopropyltoluene	22.8		µg/l		20.0		114	70-130		
Methyl tert-butyl ether	48.3	QC1	µg/l		20.0		242	70-130		
4-Methyl-2-pentanone (MIBK)	19.9		µg/l		20.0		100	64.8-130		
Methylene chloride	21.3		µg/l		20.0		107	70-130		
Naphthalene	20.9		µg/l		20.0		105	70-130		
n-Propylbenzene	21.5		µg/l		20.0		108	70-130		
Styrene	20.6		µg/l		20.0		103	70-130		
1,1,1,2-Tetrachloroethane	20.5		µg/l		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	22.7		µg/l		20.0		114	70-130		
Tetrachloroethene	20.6		µg/l		20.0		103	70-130		
Toluene	20.0		µg/l		20.0		100	70-130		
1,2,3-Trichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,2,4-Trichlorobenzene	20.3		µg/l		20.0		102	70-130		
1,3,5-Trichlorobenzene	20.5		µg/l		20.0		103	70-130		
1,1,1-Trichloroethane	22.6		µg/l		20.0		113	70-130		
1,1,2-Trichloroethane	22.3		µg/l		20.0		112	70-130		
Trichloroethene	21.2		µg/l		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	25.4		µg/l		20.0		127	70-152		
1,2,3-Trichloropropane	23.8		µg/l		20.0		119	70-130		
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	21.0		µg/l		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS (9051555-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Vinyl chloride	20.0		µg/l		20.0		100	70-130		
m,p-Xylene	41.4		µg/l		40.0		104	70-130		
o-Xylene	20.9		µg/l		20.0		104	70-130		
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130		
Ethyl ether	21.0		µg/l		20.0		105	70-133		
Tert-amyl methyl ether	20.3		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	21.1		µg/l		20.0		105	70-130		
Di-isopropyl ether	24.4		µg/l		20.0		122	70-130		
Tert-Butanol / butyl alcohol	207		µg/l		200		104	70-130		
1,4-Dioxane	172		µg/l		200		86	53.1-139		
trans-1,4-Dichloro-2-butene	18.8		µg/l		20.0		94	70-130		
Ethanol	423		µg/l		400		106	70-130		
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.3*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.6*		µg/l		*50.0*		*107*	*70-130*		
LCS Dup (9051555-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/l		20.0		122	70-130	12	25
Acetone	28.5		µg/l		20.0		142	41.6-158	0.5	50
Acrylonitrile	22.9		µg/l		20.0		114	70-130	5	25
Benzene	18.4		µg/l		20.0		92	70-130	9	25
Bromobenzene	18.5		µg/l		20.0		93	70-130	7	25
Bromochloromethane	19.9		µg/l		20.0		99	70-130	11	25
Bromodichloromethane	23.4		µg/l		20.0		117	70-130	11	25
Bromoform	28.7	QC2	µg/l		20.0		144	70-130	3	25
Bromomethane	10.5		µg/l		20.0		52	47-147	4	50
2-Butanone (MEK)	18.3		µg/l		20.0		91	60.9-144	12	50
n-Butylbenzene	20.0		µg/l		20.0		100	70-130	11	25
sec-Butylbenzene	19.6		µg/l		20.0		98	70-130	12	25
tert-Butylbenzene	19.2		µg/l		20.0		96	70-130	11	25
Carbon disulfide	21.7		µg/l		20.0		108	70-130	4	25
Carbon tetrachloride	19.8		µg/l		20.0		99	70-130	12	25
Chlorobenzene	19.2		µg/l		20.0		96	70-130	8	25
Chloroethane	17.3		µg/l		20.0		87	63.6-131	14	50
Chloroform	20.6		µg/l		20.0		103	70-130	10	25
Chloromethane	23.1		µg/l		20.0		115	70-130	13	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	8	25
4-Chlorotoluene	19.4		µg/l		20.0		97	70-130	11	25
1,2-Dibromo-3-chloropropane	21.7		µg/l		20.0		109	70-130	8	25
Dibromochloromethane	28.3		µg/l		20.0		141	58.8-145	7	50
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130	3	25
Dibromomethane	20.6		µg/l		20.0		103	70-130	2	25
1,2-Dichlorobenzene	20.1		µg/l		20.0		101	70-130	9	25
1,3-Dichlorobenzene	18.5		µg/l		20.0		92	70-130	11	25
1,4-Dichlorobenzene	19.4		µg/l		20.0		97	70-130	8	25
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89	56.6-137	13	50
1,1-Dichloroethane	20.3	QR5	µg/l		20.0		102	70-130	81	25
1,2-Dichloroethane	21.2		µg/l		20.0		106	70-130	5	25
1,1-Dichloroethene	19.6		µg/l		20.0		98	70-130	14	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
LCS Dup (9051555-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
cis-1,2-Dichloroethene	17.4		µg/l		20.0		87	70-130	25	25
trans-1,2-Dichloroethene	45.8	CAL1, QC2	µg/l		20.0		229	70-130	7	25
1,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	8	25
1,3-Dichloropropane	20.5		µg/l		20.0		102	70-130	5	25
2,2-Dichloropropane	17.0		µg/l		20.0		85	70-130	12	25
1,1-Dichloropropene	19.5		µg/l		20.0		98	70-130	11	25
cis-1,3-Dichloropropene	20.5		µg/l		20.0		103	70-130	8	25
trans-1,3-Dichloropropene	20.1		µg/l		20.0		100	70-130	9	25
Ethylbenzene	18.9		µg/l		20.0		95	70-130	10	25
Hexachlorobutadiene	17.5		µg/l		20.0		87	70-134	12	50
2-Hexanone (MBK)	23.2		µg/l		20.0		116	70-130	2	25
Isopropylbenzene	16.1		µg/l		20.0		80	70-130	10	25
4-Isopropyltoluene	20.5		µg/l		20.0		102	70-130	11	25
Methyl tert-butyl ether	23.7	QR5	µg/l		20.0		118	70-130	68	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/l		20.0		106	64.8-130	6	50
Methylene chloride	19.8		µg/l		20.0		99	70-130	8	25
Naphthalene	20.2		µg/l		20.0		101	70-130	4	25
n-Propylbenzene	19.3		µg/l		20.0		96	70-130	11	25
Styrene	18.7		µg/l		20.0		93	70-130	10	25
1,1,1,2-Tetrachloroethane	19.7		µg/l		20.0		98	70-130	4	25
1,1,2,2-Tetrachloroethane	22.5		µg/l		20.0		112	70-130	1	25
Tetrachloroethene	18.0		µg/l		20.0		90	70-130	13	25
Toluene	18.3		µg/l		20.0		92	70-130	9	25
1,2,3-Trichlorobenzene	19.9		µg/l		20.0		99	70-130	7	25
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94	70-130	8	25
1,3,5-Trichlorobenzene	18.3		µg/l		20.0		91	70-130	12	25
1,1,1-Trichloroethane	20.0		µg/l		20.0		100	70-130	12	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	5	25
Trichloroethene	18.7		µg/l		20.0		94	70-130	12	25
Trichlorofluoromethane (Freon 11)	22.4		µg/l		20.0		112	70-152	13	50
1,2,3-Trichloropropane	24.2		µg/l		20.0		121	70-130	1	25
1,2,4-Trimethylbenzene	18.6		µg/l		20.0		93	70-130	10	25
1,3,5-Trimethylbenzene	18.9		µg/l		20.0		95	70-130	11	25
Vinyl chloride	17.4		µg/l		20.0		87	70-130	14	25
m,p-Xylene	38.4		µg/l		40.0		96	70-130	8	25
o-Xylene	19.4		µg/l		20.0		97	70-130	8	25
Tetrahydrofuran	20.8		µg/l		20.0		104	70-130	0.4	25
Ethyl ether	19.9		µg/l		20.0		99	70-133	6	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	6	25
Ethyl tert-butyl ether	20.1		µg/l		20.0		101	70-130	5	25
Di-isopropyl ether	17.2	QR2	µg/l		20.0		86	70-130	34	25
Tert-Butanol / butyl alcohol	219		µg/l		200		109	70-130	5	25
1,4-Dioxane	167		µg/l		200		83	53.1-139	3	25
trans-1,4-Dichloro-2-butene	19.0		µg/l		20.0		95	70-130	1	25
Ethanol	426		µg/l		400		106	70-130	0.5	30
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/l		*50.0*		*107*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051555 - SW846 5030 Water MS										
Matrix Spike (9051555-MS1) **Source: SA95046-01**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Benzene	16.6		µg/l		20.0	BRL	83	70-130		
Chlorobenzene	18.4		µg/l		20.0	BRL	92	70-130		
1,1-Dichloroethene	17.5		µg/l		20.0	BRL	88	70-130		
Toluene	29.0		µg/l		20.0	11.8	86	70-130		
Trichloroethene	18.3		µg/l		20.0	BRL	92	70-130		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.7*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*54.3*		µg/l		*50.0*		*109*	*70-130*		
Matrix Spike Dup (9051555-MSD1) **Source: SA95046-01**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Benzene	16.6		µg/l		20.0	BRL	83	70-130	0.4	30
Chlorobenzene	18.0		µg/l		20.0	BRL	90	70-130	3	30
1,1-Dichloroethene	16.8		µg/l		20.0	BRL	84	70-130	5	30
Toluene	27.5		µg/l		20.0	11.8	78	70-130	9	30
Trichloroethene	18.5		µg/l		20.0	BRL	93	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/kg wet		20.0		112	70-130		
Acetone	14.2		µg/kg wet		20.0		71	40-193		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	17.1		µg/kg wet		20.0		85	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.8		µg/kg wet		20.0		114	70-130		
Bromomethane	15.4		µg/kg wet		20.0		77	62.9-131		
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	47-163		
n-Butylbenzene	16.9		µg/kg wet		20.0		84	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130		
Carbon tetrachloride	18.3		µg/kg wet		20.0		91	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
Chloroethane	14.4		µg/kg wet		20.0		72	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	12.5	QC1	µg/kg wet		20.0		62	70-130		
2-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/kg wet		20.0		81	62.6-136		
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130		
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	17.7		µg/kg wet		20.0		88	70-130		
2-Hexanone (MBK)	13.4	QC1	µg/kg wet		20.0		67	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
4-Methyl-2-pentanone (MIBK)	20.2		µg/kg wet		20.0		101	70-130		
Methylene chloride	17.4		µg/kg wet		20.0		87	70-130		
Naphthalene	17.2		µg/kg wet		20.0		86	70-130		
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	22.8		µg/kg wet		20.0		114	70-130		
Toluene	18.4		µg/kg wet		20.0		92	70-130		
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	70-140		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	21.1		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Vinyl chloride	15.4		µg/kg wet		20.0		77	70-130		
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130		
o-Xylene	22.3		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	12.7	QC2	µg/kg wet		20.0		64	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		92	70-132		
Tert-amyl methyl ether	14.7		µg/kg wet		20.0		73	70-130		
Ethyl tert-butyl ether	15.6		µg/kg wet		20.0		78	70-130		
Di-isopropyl ether	13.6	QC1	µg/kg wet		20.0		68	70-130		
Tert-Butanol / butyl alcohol	147		µg/kg wet		200		74	70-130		
1,4-Dioxane	165		µg/kg wet		200		82	59.1-148		
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130		
Ethanol	227	QC2	µg/kg wet		400		57	70-130		
Surrogate: 4-Bromofluorobenzene	*55.1*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.3*		µg/kg wet		*50.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/kg wet		20.0		118	70-130	6	25
Acetone	12.7		µg/kg wet		20.0		63	40-193	11	50
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130	11	25
Benzene	18.1		µg/kg wet		20.0		90	70-130	6	25
Bromobenzene	24.2		µg/kg wet		20.0		121	70-130	7	25
Bromochloromethane	21.3		µg/kg wet		20.0		107	70-130	5	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	3	25
Bromomethane	16.4		µg/kg wet		20.0		82	62.9-131	6	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	47-163	11	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	7	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	8	25
tert-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	6	25
Carbon tetrachloride	19.9		µg/kg wet		20.0		100	70-130	9	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	4	25
Chloroethane	15.5		µg/kg wet		20.0		78	64.2-130	7	50
Chloroform	18.3		µg/kg wet		20.0		92	70-130	3	25
Chloromethane	13.5	QC2	µg/kg wet		20.0		68	70-130	8	25
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	9	25
4-Chlorotoluene	22.7		µg/kg wet		20.0		113	70-130	7	25
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130	2	25
Dibromochloromethane	20.7		µg/kg wet		20.0		103	70-130	0.7	50
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130	4	25
Dibromomethane	18.9		µg/kg wet		20.0		94	70-130	2	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichlorobenzene	24.5		µg/kg wet		20.0		122	70-130	8	25
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	6	25
Dichlorodifluoromethane (Freon12)	17.3		µg/kg wet		20.0		87	62.6-136	6	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	3	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85	70-130	2	25
1,1-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130	7	25
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130	7	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	2	25
2,2-Dichloropropane	19.3		µg/kg wet		20.0		97	70-130	4	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	6	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	2	25
trans-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	4	25
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130	6	25
Hexachlorobutadiene	19.3		µg/kg wet		20.0		97	70-130	9	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	6	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	5	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	70-130	0.8	50
Methylene chloride	17.9		µg/kg wet		20.0		90	70-130	3	25
Naphthalene	17.4		µg/kg wet		20.0		87	70-130	1	25
n-Propylbenzene	22.5		µg/kg wet		20.0		113	70-130	7	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	5	25
1,1,1,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130	2	25
1,1,2,2-Tetrachloroethane	22.6		µg/kg wet		20.0		113	70-130	4	25
Tetrachloroethene	23.9		µg/kg wet		20.0		119	70-130	5	25
Toluene	19.3		µg/kg wet		20.0		96	70-130	5	25
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	6	25
1,2,4-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130	4	25
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		101	70-130	1	25
Trichloroethene	20.3		µg/kg wet		20.0		101	70-130	6	25
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	70-140	6	50
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130	4	25
1,2,4-Trimethylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	7	25
Vinyl chloride	16.7		µg/kg wet		20.0		84	70-130	8	25
m,p-Xylene	45.8		µg/kg wet		40.0		114	70-130	6	25
o-Xylene	23.4		µg/kg wet		20.0		117	70-130	5	25
Tetrahydrofuran	13.6	QC2	µg/kg wet		20.0		68	70-130	6	25
Ethyl ether	18.3		µg/kg wet		20.0		91	70-132	1	50
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		80	70-130	8	25
Ethyl tert-butyl ether	16.1		µg/kg wet		20.0		80	70-130	3	25
Di-isopropyl ether	13.9		µg/kg wet		20.0		70	70-130	2	25
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130	10	25
1,4-Dioxane	171		µg/kg wet		200		86	59.1-148	4	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	0.2	25
Ethanol	230	QC2	µg/kg wet		400		57	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
Blank (9051624-BLK1)										
Prepared & Analyzed: 22-May-09										
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	*27.3*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/kg wet		*30.0*		*109*	*70-130*		
LCS (9051624-BS1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.6	QC2	µg/kg wet		20.0		148	70-130		
Acetone	25.3		µg/kg wet		20.0		127	40-193		
Acrylonitrile	22.9		µg/kg wet		20.0		114	70-130		
Benzene	23.1		µg/kg wet		20.0		116	70-130		
Bromobenzene	20.1		µg/kg wet		20.0		101	70-130		
Bromochloromethane	21.0		µg/kg wet		20.0		105	70-130		
Bromodichloromethane	19.7		µg/kg wet		20.0		98	70-130		
Bromoform	16.0		µg/kg wet		20.0		80	70-130		
Bromomethane	19.7		µg/kg wet		20.0		98	62.9-131		
2-Butanone (MEK)	23.4		µg/kg wet		20.0		117	47-163		
n-Butylbenzene	24.3		µg/kg wet		20.0		121	70-130		
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Carbon disulfide	24.6		µg/kg wet		20.0		123	70-130		
Carbon tetrachloride	19.3		µg/kg wet		20.0		96	70-130		
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
Chloroethane	22.1		µg/kg wet		20.0		110	64.2-130		
Chloroform	21.6		µg/kg wet		20.0		108	70-130		
Chloromethane	22.2		µg/kg wet		20.0		111	70-130		
2-Chlorotoluene	22.8		µg/kg wet		20.0		114	70-130		
4-Chlorotoluene	22.5		µg/kg wet		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	16.9		µg/kg wet		20.0		84	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	22.1		µg/kg wet		20.0		111	70-130		
Dichlorodifluoromethane (Freon12)	20.7		µg/kg wet		20.0		104	62.6-136		
1,1-Dichloroethane	23.0		µg/kg wet		20.0		115	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		103	70-130		
1,1-Dichloroethene	23.7		µg/kg wet		20.0		118	70-130		
cis-1,2-Dichloroethene	23.2		µg/kg wet		20.0		116	70-130		
trans-1,2-Dichloroethene	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dichloropropane	24.0		µg/kg wet		20.0		120	70-130		
1,3-Dichloropropane	22.1		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	22.1		µg/kg wet		20.0		111	70-130		
1,1-Dichloropropene	23.4		µg/kg wet		20.0		117	70-130		
cis-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99	70-130		
trans-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS (9051624-BS1)										
Prepared & Analyzed: 22-May-09										
Ethylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	70-130		
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130		
Isopropylbenzene	19.0		µg/kg wet		20.0		95	70-130		
4-Isopropyltoluene	24.1		µg/kg wet		20.0		121	70-130		
Methyl tert-butyl ether	22.6		µg/kg wet		20.0		113	70-130		
4-Methyl-2-pentanone (MIBK)	21.2		µg/kg wet		20.0		106	70-130		
Methylene chloride	20.4		µg/kg wet		20.0		102	70-130		
Naphthalene	19.5		µg/kg wet		20.0		97	70-130		
n-Propylbenzene	23.5		µg/kg wet		20.0		118	70-130		
Styrene	23.4		µg/kg wet		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
1,1,2,2-Tetrachloroethane	29.0	QC2	µg/kg wet		20.0		145	70-130		
Tetrachloroethene	20.5		µg/kg wet		20.0		102	70-130		
Toluene	21.2		µg/kg wet		20.0		106	70-130		
1,2,3-Trichlorobenzene	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,3,5-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2-Trichloroethane	23.8		µg/kg wet		20.0		119	70-130		
Trichloroethene	20.9		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	24.0		µg/kg wet		20.0		120	70-140		
1,2,3-Trichloropropane	27.3	QC1	µg/kg wet		20.0		136	70-130		
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Vinyl chloride	19.5		µg/kg wet		20.0		98	70-130		
m,p-Xylene	46.2		µg/kg wet		40.0		116	70-130		
o-Xylene	22.3		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	24.1		µg/kg wet		20.0		120	70-130		
Ethyl ether	22.4		µg/kg wet		20.0		112	70-132		
Tert-amyl methyl ether	21.1		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	23.2		µg/kg wet		20.0		116	70-130		
Di-isopropyl ether	22.3		µg/kg wet		20.0		112	70-130		
Tert-Butanol / butyl alcohol	212		µg/kg wet		200		106	70-130		
1,4-Dioxane	241		µg/kg wet		200		120	59.1-148		
trans-1,4-Dichloro-2-butene	18.2		µg/kg wet		20.0		91	70-130		
Ethanol	543	QC2	µg/kg wet		400		136	70-130		
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*28.8*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*33.0*		µg/kg wet		*30.0*		*110*	*70-130*		
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.8	QC2	µg/kg wet		20.0		139	70-130	6	25
Acetone	29.2		µg/kg wet		20.0		146	40-193	14	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	12	25
Benzene	21.7		µg/kg wet		20.0		108	70-130	6	25
Bromobenzene	20.1		µg/kg wet		20.0		100	70-130	0.3	25
Bromochloromethane	20.1		µg/kg wet		20.0		101	70-130	4	25
Bromodichloromethane	18.6		µg/kg wet		20.0		93	70-130	6	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
Bromoform	15.6		µg/kg wet		20.0		78	70-130	2	25
Bromomethane	18.9		µg/kg wet		20.0		94	62.9-131	4	50
2-Butanone (MEK)	20.8		µg/kg wet		20.0		104	47-163	12	50
n-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	5	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	5	25
tert-Butylbenzene	21.7		µg/kg wet		20.0		108	70-130	6	25
Carbon disulfide	19.6		µg/kg wet		20.0		98	70-130	23	25
Carbon tetrachloride	18.5		µg/kg wet		20.0		92	70-130	4	25
Chlorobenzene	20.5		µg/kg wet		20.0		103	70-130	6	25
Chloroethane	20.2		µg/kg wet		20.0		101	64.2-130	9	50
Chloroform	20.1		µg/kg wet		20.0		101	70-130	7	25
Chloromethane	20.0		µg/kg wet		20.0		100	70-130	10	25
2-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	6	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	6	25
1,2-Dibromo-3-chloropropane	19.2		µg/kg wet		20.0		96	70-130	4	25
Dibromochloromethane	16.2		µg/kg wet		20.0		81	70-130	4	50
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98	70-130	3	25
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130	7	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		109	70-130	3	25
1,3-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	4	25
1,4-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		97	62.6-136	7	50
1,1-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130	9	25
1,2-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130	7	25
1,1-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130	5	25
cis-1,2-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130	4	25
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	9	25
1,2-Dichloropropane	22.4		µg/kg wet		20.0		112	70-130	7	25
1,3-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130	5	25
2,2-Dichloropropane	20.3		µg/kg wet		20.0		101	70-130	9	25
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	7	25
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		93	70-130	7	25
trans-1,3-Dichloropropene	16.9		µg/kg wet		20.0		84	70-130	6	25
Ethylbenzene	21.8		µg/kg wet		20.0		109	70-130	6	25
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	70-130	0.3	50
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130	0.3	25
Isopropylbenzene	18.2		µg/kg wet		20.0		91	70-130	4	25
4-Isopropyltoluene	22.8		µg/kg wet		20.0		114	70-130	6	25
Methyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	5	25
4-Methyl-2-pentanone (MIBK)	21.1		µg/kg wet		20.0		105	70-130	0.8	50
Methylene chloride	19.0		µg/kg wet		20.0		95	70-130	7	25
Naphthalene	18.8		µg/kg wet		20.0		94	70-130	4	25
n-Propylbenzene	22.1		µg/kg wet		20.0		110	70-130	6	25
Styrene	22.3		µg/kg wet		20.0		112	70-130	5	25
1,1,1,2-Tetrachloroethane	17.3		µg/kg wet		20.0		87	70-130	9	25
1,1,2,2-Tetrachloroethane	27.8	QC2	µg/kg wet		20.0		139	70-130	4	25
Tetrachloroethene	19.1		µg/kg wet		20.0		96	70-130	7	25
Toluene	20.0		µg/kg wet		20.0		100	70-130	6	25
1,2,3-Trichlorobenzene	24.0		µg/kg wet		20.0		120	70-130	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051624 - SW846 5030 Soil (high level)										
LCS Dup (9051624-BSD1)										
Prepared & Analyzed: 22-May-09										
1,2,4-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	4	25
1,3,5-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		94	70-130	9	25
1,1,2-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130	6	25
Trichloroethene	19.6		µg/kg wet		20.0		98	70-130	6	25
Trichlorofluoromethane (Freon 11)	22.6		µg/kg wet		20.0		113	70-140	6	50
1,2,3-Trichloropropane	25.9		µg/kg wet		20.0		130	70-130	5	25
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	5	25
Vinyl chloride	19.7		µg/kg wet		20.0		98	70-130	0.8	25
m,p-Xylene	43.8		µg/kg wet		40.0		110	70-130	5	25
o-Xylene	21.5		µg/kg wet		20.0		107	70-130	4	25
Tetrahydrofuran	22.5		µg/kg wet		20.0		113	70-130	7	25
Ethyl ether	20.9		µg/kg wet		20.0		105	70-132	7	50
Tert-amyl methyl ether	19.5		µg/kg wet		20.0		98	70-130	8	25
Ethyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130	6	25
Di-isopropyl ether	20.6		µg/kg wet		20.0		103	70-130	8	25
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130	4	25
1,4-Dioxane	239		µg/kg wet		200		120	59.1-148	0.6	25
trans-1,4-Dichloro-2-butene	16.4		µg/kg wet		20.0		82	70-130	11	25
Ethanol	0.0	QC2	µg/kg wet		400			70-130		30
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.5*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*33.4*		µg/kg wet		*30.0*		*111*	*70-130*		
Matrix Spike (9051624-MS1)	**Source: SA94968-12**									
Prepared & Analyzed: 22-May-09										
Benzene	15.2		µg/kg dry		20.0	BRL	76	70-130		
Chlorobenzene	18.2		µg/kg dry		20.0	BRL	91	70-130		
1,1-Dichloroethene	11.1	QM7	µg/kg dry		20.0	BRL	56	70-130		
Toluene	23.7		µg/kg dry		20.0	BRL	118	70-130		
Trichloroethene	14.8		µg/kg dry		20.0	BRL	74	70-130		
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.3*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.8*		µg/kg dry		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*32.6*		µg/kg dry		*30.0*		*109*	*70-130*		
Matrix Spike Dup (9051624-MSD1)	**Source: SA94968-12**									
Prepared & Analyzed: 22-May-09										
Benzene	14.4		µg/kg dry		20.0	BRL	72	70-130	5	30
Chlorobenzene	17.0		µg/kg dry		20.0	BRL	85	70-130	6	30
1,1-Dichloroethene	10.6	QM7	µg/kg dry		20.0	BRL	53	70-130	5	30
Toluene	15.7	QR5	µg/kg dry		20.0	BRL	78	70-130	41	30
Trichloroethene	13.4	QM7	µg/kg dry		20.0	BRL	67	70-130	10	30
Surrogate: 4-Bromofluorobenzene	*28.3*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.2*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*32.4*		µg/kg dry		*30.0*		*108*	*70-130*		
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Blank (9051803-BLK1)										
Prepared & Analyzed: 26-May-09										
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.0	QC1	µg/kg wet		20.0		135	70-130		
Acetone	21.3		µg/kg wet		20.0		106	40-193		
Acrylonitrile	19.9		µg/kg wet		20.0		99	70-130		
Benzene	23.0		µg/kg wet		20.0		115	70-130		
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130		
Bromochloromethane	19.5		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	18.7		µg/kg wet		20.0		94	70-130		
Bromoform	14.2		µg/kg wet		20.0		71	70-130		
Bromomethane	18.4		µg/kg wet		20.0		92	62.9-131		
2-Butanone (MEK)	20.0		µg/kg wet		20.0		100	47-163		
n-Butylbenzene	24.9		µg/kg wet		20.0		125	70-130		
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130		
tert-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Carbon disulfide	22.9		µg/kg wet		20.0		114	70-130		
Carbon tetrachloride	18.0		µg/kg wet		20.0		90	70-130		
Chlorobenzene	21.2		µg/kg wet		20.0		106	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
Chloroethane	20.2		µg/kg wet		20.0		101	64.2-130		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		
Chloromethane	19.4		µg/kg wet		20.0		97	70-130		
2-Chlorotoluene	23.3		µg/kg wet		20.0		116	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81	70-130		
Dibromochloromethane	16.0		µg/kg wet		20.0		80	70-130		
1,2-Dibromoethane (EDB)	19.2		µg/kg wet		20.0		96	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	23.3		µg/kg wet		20.0		116	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
1,4-Dichlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
Dichlorodifluoromethane (Freon12)	18.3		µg/kg wet		20.0		91	62.6-136		
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	22.2		µg/kg wet		20.0		111	70-130		
cis-1,2-Dichloroethene	21.9		µg/kg wet		20.0		110	70-130		
trans-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
1,2-Dichloropropane	23.8		µg/kg wet		20.0		119	70-130		
1,3-Dichloropropane	21.1		µg/kg wet		20.0		105	70-130		
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloropropene	23.3		µg/kg wet		20.0		116	70-130		
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,3-Dichloropropene	16.5		µg/kg wet		20.0		82	70-130		
Ethylbenzene	22.6		µg/kg wet		20.0		113	70-130		
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-130		
2-Hexanone (MBK)	19.5		µg/kg wet		20.0		98	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	24.5		µg/kg wet		20.0		123	70-130		
Methyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	20.0		µg/kg wet		20.0		100	70-130		
Methylene chloride	18.5		µg/kg wet		20.0		93	70-130		
Naphthalene	18.4		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Styrene	23.3		µg/kg wet		20.0		117	70-130		
1,1,1,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,1,2,2-Tetrachloroethane	25.9		µg/kg wet		20.0		130	70-130		
Tetrachloroethene	20.3		µg/kg wet		20.0		101	70-130		
Toluene	20.9		µg/kg wet		20.0		105	70-130		
1,2,3-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,3,5-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	22.6		µg/kg wet		20.0		113	70-130		
Trichloroethene	21.0		µg/kg wet		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	21.8		µg/kg wet		20.0		109	70-140		
1,2,3-Trichloropropane	24.9		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS (9051803-BS1)										
Prepared & Analyzed: 26-May-09										
Vinyl chloride	16.6		µg/kg wet		20.0		83	70-130		
m,p-Xylene	45.6		µg/kg wet		40.0		114	70-130		
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	21.6		µg/kg wet		20.0		108	70-130		
Ethyl ether	20.2		µg/kg wet		20.0		101	70-132		
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130		
Ethyl tert-butyl ether	22.3		µg/kg wet		20.0		111	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130		
1,4-Dioxane	203		µg/kg wet		200		102	59.1-148		
trans-1,4-Dichloro-2-butene	16.6		µg/kg wet		20.0		83	70-130		
Ethanol	432		µg/kg wet		400		108	70-130		
Surrogate: 4-Bromofluorobenzene	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS Dup (9051803-BSD1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.9		µg/kg wet		20.0		129	70-130	4	25
Acetone	21.0		µg/kg wet		20.0		105	40-193	1	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	2	25
Benzene	22.3		µg/kg wet		20.0		111	70-130	3	25
Bromobenzene	19.5		µg/kg wet		20.0		98	70-130	3	25
Bromochloromethane	18.7		µg/kg wet		20.0		94	70-130	4	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	0.4	25
Bromoform	14.2		µg/kg wet		20.0		71	70-130	0.5	25
Bromomethane	17.7		µg/kg wet		20.0		88	62.9-131	4	50
2-Butanone (MEK)	19.6		µg/kg wet		20.0		98	47-163	2	50
n-Butylbenzene	22.8		µg/kg wet		20.0		114	70-130	9	25
sec-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	5	25
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	3	25
Carbon disulfide	21.8		µg/kg wet		20.0		109	70-130	5	25
Carbon tetrachloride	17.6		µg/kg wet		20.0		88	70-130	3	25
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Chloroethane	20.3		µg/kg wet		20.0		101	64.2-130	0.3	50
Chloroform	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloromethane	19.0		µg/kg wet		20.0		95	70-130	2	25
2-Chlorotoluene	22.5		µg/kg wet		20.0		112	70-130	3	25
4-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	2	25
1,2-Dibromo-3-chloropropane	16.8		µg/kg wet		20.0		84	70-130	4	25
Dibromochloromethane	16.0		µg/kg wet		20.0		80	70-130	0.5	50
1,2-Dibromoethane (EDB)	19.5		µg/kg wet		20.0		98	70-130	2	25
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130	0	25
1,2-Dichlorobenzene	22.5		µg/kg wet		20.0		113	70-130	3	25
1,3-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	3	25
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	6	25
Dichlorodifluoromethane (Freon12)	17.8		µg/kg wet		20.0		89	62.6-136	3	50
1,1-Dichloroethane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,2-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130	1	25
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	5	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
LCS Dup (9051803-BSD1)										
Prepared & Analyzed: 26-May-09										
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130	3	25
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2-Dichloropropane	23.0		µg/kg wet		20.0		115	70-130	3	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	0.3	25
2,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130	4	25
1,1-Dichloropropene	22.0		µg/kg wet		20.0		110	70-130	6	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	0.4	25
trans-1,3-Dichloropropene	17.3		µg/kg wet		20.0		87	70-130	5	25
Ethylbenzene	22.1		µg/kg wet		20.0		111	70-130	2	25
Hexachlorobutadiene	16.8		µg/kg wet		20.0		84	70-130	20	50
2-Hexanone (MBK)	20.3		µg/kg wet		20.0		101	70-130	4	25
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130	3	25
4-Isopropyltoluene	23.3		µg/kg wet		20.0		116	70-130	5	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.5		µg/kg wet		20.0		103	70-130	3	50
Methylene chloride	18.8		µg/kg wet		20.0		94	70-130	2	25
Naphthalene	17.9		µg/kg wet		20.0		90	70-130	3	25
n-Propylbenzene	21.5		µg/kg wet		20.0		108	70-130	4	25
Styrene	22.5		µg/kg wet		20.0		113	70-130	3	25
1,1,1,2-Tetrachloroethane	16.6		µg/kg wet		20.0		83	70-130	5	25
1,1,2,2-Tetrachloroethane	25.8		µg/kg wet		20.0		129	70-130	0.3	25
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130	3	25
Toluene	20.5		µg/kg wet		20.0		103	70-130	2	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	10	25
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	6	25
1,3,5-Trichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	8	25
1,1,1-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130	1	25
1,1,2-Trichloroethane	22.3		µg/kg wet		20.0		111	70-130	2	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	5	25
Trichlorofluoromethane (Freon 11)	21.0		µg/kg wet		20.0		105	70-140	4	50
1,2,3-Trichloropropane	25.1		µg/kg wet		20.0		125	70-130	0.9	25
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130	3	25
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130	3	25
Vinyl chloride	14.6		µg/kg wet		20.0		73	70-130	13	25
m,p-Xylene	44.2		µg/kg wet		40.0		111	70-130	3	25
o-Xylene	21.7		µg/kg wet		20.0		108	70-130	0.6	25
Tetrahydrofuran	22.9		µg/kg wet		20.0		115	70-130	6	25
Ethyl ether	20.4		µg/kg wet		20.0		102	70-132	1	50
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130	2	25
Ethyl tert-butyl ether	22.3		µg/kg wet		20.0		112	70-130	0.3	25
Di-isopropyl ether	20.7		µg/kg wet		20.0		103	70-130	0.9	25
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94	70-130	5	25
1,4-Dioxane	255		µg/kg wet		200		127	59.1-148	23	25
trans-1,4-Dichloro-2-butene	18.4		µg/kg wet		20.0		92	70-130	10	25
Ethanol	420		µg/kg wet		400		105	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051803 - SW846 5030 Soil (high level)										
Matrix Spike (9051803-MS1) **Source: SA95070-03**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzene	23.8		µg/kg dry		20.0	1.1	113	70-130		
Chlorobenzene	22.8		µg/kg dry		20.0	BRL	114	70-130		
1,1-Dichloroethene	21.1		µg/kg dry		20.0	BRL	105	70-130		
Toluene	25.7		µg/kg dry		20.0	2.8	114	70-130		
Trichloroethene	21.0		µg/kg dry		20.0	BRL	105	70-130		
Surrogate: 4-Bromofluorobenzene	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/kg dry		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/kg dry		*30.0*		*98*	*70-130*		
Matrix Spike Dup (9051803-MSD1) **Source: SA95070-03**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzene	23.2		µg/kg dry		20.0	1.1	111	70-130	2	30
Chlorobenzene	22.7		µg/kg dry		20.0	BRL	114	70-130	0.5	30
1,1-Dichloroethene	19.8		µg/kg dry		20.0	BRL	99	70-130	6	30
Toluene	23.8		µg/kg dry		20.0	2.8	105	70-130	9	30
Trichloroethene	20.3		µg/kg dry		20.0	BRL	102	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*28.5*		µg/kg dry		*30.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg dry		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*21.4*		µg/kg wet		*30.0*		*71*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/kg wet		*30.0*		*80*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.3	QC1	µg/kg wet		20.0		146	70-130		
Acetone	12.3		µg/kg wet		20.0		62	40-193		
Acrylonitrile	17.5		µg/kg wet		20.0		87	70-130		
Benzene	21.6		µg/kg wet		20.0		108	70-130		
Bromobenzene	22.9		µg/kg wet		20.0		114	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.3		µg/kg wet		20.0		97	70-130		
Bromoform	24.0		µg/kg wet		20.0		120	70-130		
Bromomethane	17.4		µg/kg wet		20.0		87	62.9-131		
2-Butanone (MEK)	16.1		µg/kg wet		20.0		80	47-163		
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	27.1	QC1	µg/kg wet		20.0		135	70-130		
tert-Butylbenzene	25.6		µg/kg wet		20.0		128	70-130		
Carbon disulfide	21.6		µg/kg wet		20.0		108	70-130		
Carbon tetrachloride	20.9		µg/kg wet		20.0		104	70-130		
Chlorobenzene	23.5		µg/kg wet		20.0		118	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	17.2		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	34.1	QC1	µg/kg wet		20.0		170	70-130		
4-Chlorotoluene	25.3		µg/kg wet		20.0		127	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	15.9		µg/kg wet		20.0		79	70-130		
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	24.0		µg/kg wet		20.0		120	70-130		
1,3-Dichlorobenzene	26.2	QC1	µg/kg wet		20.0		131	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	62.6-136		
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichloroethane	17.3		µg/kg wet		20.0		87	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130		
1,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichloropropane	16.9		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	24.6		µg/kg wet		20.0		123	70-130		
cis-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	23.8		µg/kg wet		20.0		119	70-130		
Hexachlorobutadiene	24.0		µg/kg wet		20.0		120	70-130		
2-Hexanone (MBK)	17.1		µg/kg wet		20.0		86	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
Isopropylbenzene	22.8		µg/kg wet		20.0		114	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130		
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	70-130		
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130		
Naphthalene	17.1		µg/kg wet		20.0		85	70-130		
n-Propylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/kg wet		20.0		123	70-130		
1,1,2,2-Tetrachloroethane	23.9		µg/kg wet		20.0		120	70-130		
Tetrachloroethene	18.9		µg/kg wet		20.0		94	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	23.2		µg/kg wet		20.0		116	70-130		
Trichlorofluoromethane (Freon 11)	25.8		µg/kg wet		20.0		129	70-140		
1,2,3-Trichloropropane	25.7		µg/kg wet		20.0		128	70-130		
1,2,4-Trimethylbenzene	23.6		µg/kg wet		20.0		118	70-130		
1,3,5-Trimethylbenzene	23.7		µg/kg wet		20.0		119	70-130		
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130		
m,p-Xylene	51.6		µg/kg wet		40.0		129	70-130		
o-Xylene	27.0	QC1	µg/kg wet		20.0		135	70-130		
Tetrahydrofuran	18.0		µg/kg wet		20.0		90	70-130		
Ethyl ether	17.8		µg/kg wet		20.0		89	70-132		
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130		
Di-isopropyl ether	16.7		µg/kg wet		20.0		83	70-130		
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130		
1,4-Dioxane	257		µg/kg wet		200		128	59.1-148		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		102	70-130		
Ethanol	372		µg/kg wet		400		93	70-130		
Surrogate: 4-Bromofluorobenzene	*34.1*		µg/kg wet		*30.0*		*114*	*70-130*		
Surrogate: Toluene-d8	*23.5*		µg/kg wet		*30.0*		*78*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg wet		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.9*		µg/kg wet		*30.0*		*80*	*70-130*		
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.9		µg/kg wet		20.0		129	70-130	12	25
Acetone	12.1		µg/kg wet		20.0		61	40-193	2	50
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130	5	25
Benzene	19.2		µg/kg wet		20.0		96	70-130	11	25
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130	6	25
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130	4	25
Bromodichloromethane	18.1		µg/kg wet		20.0		91	70-130	6	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	2	25
Bromomethane	14.8		µg/kg wet		20.0		74	62.9-131	17	50
2-Butanone (MEK)	16.5		µg/kg wet		20.0		83	47-163	3	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
sec-Butylbenzene	24.4		µg/kg wet		20.0		122	70-130	11	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	14	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	14	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90	70-130	14	25
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130	9	25
Chloroethane	15.4		µg/kg wet		20.0		77	64.2-130	14	50
Chloroform	16.0		µg/kg wet		20.0		80	70-130	11	25
Chloromethane	14.8		µg/kg wet		20.0		74	70-130	15	25
2-Chlorotoluene	23.5	QR5	µg/kg wet		20.0		117	70-130	37	25
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	12	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	0.8	25
Dibromochloromethane	15.6		µg/kg wet		20.0		78	70-130	1	50
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		85	70-130	0.6	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	9	25
1,3-Dichlorobenzene	24.8		µg/kg wet		20.0		124	70-130	6	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	8	25
Dichlorodifluoromethane (Freon12)	19.4		µg/kg wet		20.0		97	62.6-136	15	50
1,1-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130	11	25
1,2-Dichloroethane	16.7		µg/kg wet		20.0		84	70-130	4	25
1,1-Dichloroethene	18.0		µg/kg wet		20.0		90	70-130	16	25
cis-1,2-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130	10	25
trans-1,2-Dichloroethene	15.6		µg/kg wet		20.0		78	70-130	10	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	8	25
1,3-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	2	25
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	12	25
1,1-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	13	25
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	3	25
trans-1,3-Dichloropropene	15.7		µg/kg wet		20.0		79	70-130	3	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	13	25
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-130	11	50
2-Hexanone (MBK)	19.2		µg/kg wet		20.0		96	70-130	12	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	13	25
4-Isopropyltoluene	18.3		µg/kg wet		20.0		92	70-130	11	25
Methyl tert-butyl ether	17.2		µg/kg wet		20.0		86	70-130	1	25
4-Methyl-2-pentanone (MIBK)	19.7		µg/kg wet		20.0		99	70-130	11	50
Methylene chloride	15.8		µg/kg wet		20.0		79	70-130	7	25
Naphthalene	19.5		µg/kg wet		20.0		98	70-130	13	25
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130	10	25
Styrene	20.3		µg/kg wet		20.0		101	70-130	9	25
1,1,1,2-Tetrachloroethane	23.5		µg/kg wet		20.0		118	70-130	4	25
1,1,2,2-Tetrachloroethane	24.3		µg/kg wet		20.0		121	70-130	1	25
Tetrachloroethene	16.3		µg/kg wet		20.0		82	70-130	14	25
Toluene	15.6		µg/kg wet		20.0		78	70-130	11	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
1,2,4-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,3,5-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	9	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	12	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
Trichloroethene	20.3		µg/kg wet		20.0		102	70-130	13	25
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	70-140	16	50
1,2,3-Trichloropropane	25.9		µg/kg wet		20.0		130	70-130	1	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	9	25
Vinyl chloride	17.9		µg/kg wet		20.0		90	70-130	15	25
m,p-Xylene	45.9		µg/kg wet		40.0		115	70-130	12	25
o-Xylene	24.1		µg/kg wet		20.0		121	70-130	11	25
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130	4	25
Ethyl ether	17.0		µg/kg wet		20.0		85	70-132	5	50
Tert-amyl methyl ether	20.0		µg/kg wet		20.0		100	70-130	2	25
Ethyl tert-butyl ether	17.1		µg/kg wet		20.0		86	70-130	0.8	25
Di-isopropyl ether	15.9		µg/kg wet		20.0		79	70-130	5	25
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		81	70-130	3	25
1,4-Dioxane	256		µg/kg wet		200		128	59.1-148	0.2	25
trans-1,4-Dichloro-2-butene	21.5		µg/kg wet		20.0		108	70-130	6	25
Ethanol	353		µg/kg wet		400		88	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*33.5*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
Matrix Spike (9051889-MS1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	21.3		µg/kg dry		20.0	BRL	106	70-130		
Chlorobenzene	24.0		µg/kg dry		20.0	BRL	120	70-130		
1,1-Dichloroethene	18.5		µg/kg dry		20.0	BRL	92	70-130		
Toluene	17.4		µg/kg dry		20.0	BRL	87	70-130		
Trichloroethene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Surrogate: 4-Bromofluorobenzene	*33.6*		µg/kg dry		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.5*		µg/kg dry		*30.0*		*78*	*70-130*		
Matrix Spike Dup (9051889-MSD1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	20.9		µg/kg dry		20.0	BRL	104	70-130	2	30
Chlorobenzene	23.2		µg/kg dry		20.0	BRL	116	70-130	4	30
1,1-Dichloroethene	18.2		µg/kg dry		20.0	BRL	91	70-130	2	30
Toluene	17.1		µg/kg dry		20.0	BRL	85	70-130	2	30
Trichloroethene	22.3		µg/kg dry		20.0	BRL	111	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	*33.8*		µg/kg dry		*30.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.6*		µg/kg dry		*30.0*		*79*	*70-130*		
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Blank (9052007-BLK1)										
Prepared & Analyzed: 28-May-09										
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*45.3*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*47.9*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.2		µg/l		20.0		126	70-130		
Acetone	20.6		µg/l		20.0		103	41.6-158		
Acrylonitrile	21.2		µg/l		20.0		106	70-130		
Benzene	19.5		µg/l		20.0		98	70-130		
Bromobenzene	21.2		µg/l		20.0		106	70-130		
Bromochloromethane	20.5		µg/l		20.0		102	70-130		
Bromodichloromethane	21.5		µg/l		20.0		107	70-130		
Bromoform	17.9		µg/l		20.0		89	70-130		
Bromomethane	18.1		µg/l		20.0		91	47-147		
2-Butanone (MEK)	22.1		µg/l		20.0		111	60.9-144		
n-Butylbenzene	20.6		µg/l		20.0		103	70-130		
sec-Butylbenzene	22.0		µg/l		20.0		110	70-130		
tert-Butylbenzene	21.3		µg/l		20.0		106	70-130		
Carbon disulfide	23.4		µg/l		20.0		117	70-130		
Carbon tetrachloride	21.8		µg/l		20.0		109	70-130		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	21.2		µg/l		20.0		106	63.6-131		
Chloroform	20.8		µg/l		20.0		104	70-130		
Chloromethane	19.5		µg/l		20.0		97	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
2-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
4-Chlorotoluene	21.7		µg/l		20.0		109	70-130		
1,2-Dibromo-3-chloropropane	17.0		µg/l		20.0		85	70-130		
Dibromochloromethane	17.1		µg/l		20.0		86	58.8-145		
1,2-Dibromoethane (EDB)	21.3		µg/l		20.0		106	70-130		
Dibromomethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichlorobenzene	23.3		µg/l		20.0		116	70-130		
1,3-Dichlorobenzene	23.4		µg/l		20.0		117	70-130		
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	17.9		µg/l		20.0		89	56.6-137		
1,1-Dichloroethane	21.1		µg/l		20.0		106	70-130		
1,2-Dichloroethane	19.5		µg/l		20.0		97	70-130		
1,1-Dichloroethene	21.8		µg/l		20.0		109	70-130		
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
1,2-Dichloropropane	20.1		µg/l		20.0		101	70-130		
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130		
2,2-Dichloropropane	24.3		µg/l		20.0		121	70-130		
1,1-Dichloropropene	21.4		µg/l		20.0		107	70-130		
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130		
trans-1,3-Dichloropropene	17.8		µg/l		20.0		89	70-130		
Ethylbenzene	20.9		µg/l		20.0		104	70-130		
Hexachlorobutadiene	21.8		µg/l		20.0		109	70-134		
2-Hexanone (MBK)	18.6		µg/l		20.0		93	70-130		
Isopropylbenzene	19.4		µg/l		20.0		97	70-130		
4-Isopropyltoluene	21.2		µg/l		20.0		106	70-130		
Methyl tert-butyl ether	21.3		µg/l		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98	64.8-130		
Methylene chloride	20.5		µg/l		20.0		102	70-130		
Naphthalene	16.5		µg/l		20.0		82	70-130		
n-Propylbenzene	21.0		µg/l		20.0		105	70-130		
Styrene	19.7		µg/l		20.0		99	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/l		20.0		109	70-130		
Tetrachloroethene	21.8		µg/l		20.0		109	70-130		
Toluene	20.8		µg/l		20.0		104	70-130		
1,2,3-Trichlorobenzene	18.4		µg/l		20.0		92	70-130		
1,2,4-Trichlorobenzene	17.8		µg/l		20.0		89	70-130		
1,3,5-Trichlorobenzene	18.5		µg/l		20.0		92	70-130		
1,1,1-Trichloroethane	21.2		µg/l		20.0		106	70-130		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	70-130		
Trichloroethene	21.0		µg/l		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/l		20.0		110	70-152		
1,2,3-Trichloropropane	23.9		µg/l		20.0		119	70-130		
1,2,4-Trimethylbenzene	20.7		µg/l		20.0		104	70-130		
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
Vinyl chloride	21.8		µg/l		20.0		109	70-130		
m,p-Xylene	44.4		µg/l		40.0		111	70-130		
o-Xylene	23.0		µg/l		20.0		115	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS (9052007-BS1)										
Prepared & Analyzed: 28-May-09										
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130		
Ethyl ether	21.4		µg/l		20.0		107	70-133		
Tert-amyl methyl ether	20.0		µg/l		20.0		100	70-130		
Ethyl tert-butyl ether	20.0		µg/l		20.0		100	70-130		
Di-isopropyl ether	19.2		µg/l		20.0		96	70-130		
Tert-Butanol / butyl alcohol	230		µg/l		200		115	70-130		
1,4-Dioxane	227		µg/l		200		114	53.1-139		
trans-1,4-Dichloro-2-butene	18.2		µg/l		20.0		91	70-130		
Ethanol	510		µg/l		400		128	70-130		
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99*	*70-130*		
LCS Dup (9052007-BSD1)										
Prepared & Analyzed: 28-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.0		µg/l		20.0		125	70-130	0.7	25
Acetone	18.6		µg/l		20.0		93	41.6-158	10	50
Acrylonitrile	21.0		µg/l		20.0		105	70-130	0.7	25
Benzene	19.3		µg/l		20.0		97	70-130	1	25
Bromobenzene	20.4		µg/l		20.0		102	70-130	4	25
Bromochloromethane	20.0		µg/l		20.0		100	70-130	3	25
Bromodichloromethane	21.2		µg/l		20.0		106	70-130	1	25
Bromoform	17.6		µg/l		20.0		88	70-130	2	25
Bromomethane	17.4		µg/l		20.0		87	47-147	4	50
2-Butanone (MEK)	21.5		µg/l		20.0		107	60.9-144	3	50
n-Butylbenzene	20.1		µg/l		20.0		101	70-130	2	25
sec-Butylbenzene	21.4		µg/l		20.0		107	70-130	3	25
tert-Butylbenzene	20.5		µg/l		20.0		102	70-130	4	25
Carbon disulfide	22.5		µg/l		20.0		112	70-130	4	25
Carbon tetrachloride	21.2		µg/l		20.0		106	70-130	3	25
Chlorobenzene	20.5		µg/l		20.0		102	70-130	2	25
Chloroethane	20.0		µg/l		20.0		100	63.6-131	6	50
Chloroform	20.3		µg/l		20.0		102	70-130	2	25
Chloromethane	18.3		µg/l		20.0		92	70-130	6	25
2-Chlorotoluene	21.0		µg/l		20.0		105	70-130	4	25
4-Chlorotoluene	21.1		µg/l		20.0		106	70-130	3	25
1,2-Dibromo-3-chloropropane	17.3		µg/l		20.0		86	70-130	1	25
Dibromochloromethane	16.4		µg/l		20.0		82	58.8-145	4	50
1,2-Dibromoethane (EDB)	20.8		µg/l		20.0		104	70-130	2	25
Dibromomethane	19.2		µg/l		20.0		96	70-130	3	25
1,2-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	2	25
1,3-Dichlorobenzene	22.8		µg/l		20.0		114	70-130	3	25
1,4-Dichlorobenzene	19.8		µg/l		20.0		99	70-130	2	25
Dichlorodifluoromethane (Freon12)	17.2		µg/l		20.0		86	56.6-137	4	50
1,1-Dichloroethane	20.5		µg/l		20.0		103	70-130	3	25
1,2-Dichloroethane	19.2		µg/l		20.0		96	70-130	1	25
1,1-Dichloroethene	21.1		µg/l		20.0		106	70-130	3	25
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130	4	25
trans-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	3	25
1,2-Dichloropropane	19.7		µg/l		20.0		99	70-130	2	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
LCS Dup (9052007-BSD1)										
Prepared & Analyzed: 28-May-09										
1,3-Dichloropropane	20.8		µg/l		20.0		104	70-130	1	25
2,2-Dichloropropane	23.7		µg/l		20.0		118	70-130	3	25
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130	1	25
cis-1,3-Dichloropropene	17.7		µg/l		20.0		88	70-130	0.5	25
trans-1,3-Dichloropropene	17.8		µg/l		20.0		89	70-130	0.3	25
Ethylbenzene	20.3		µg/l		20.0		102	70-130	3	25
Hexachlorobutadiene	20.7		µg/l		20.0		104	70-134	5	50
2-Hexanone (MBK)	18.3		µg/l		20.0		92	70-130	1	25
Isopropylbenzene	18.9		µg/l		20.0		94	70-130	3	25
4-Isopropyltoluene	20.7		µg/l		20.0		104	70-130	2	25
Methyl tert-butyl ether	20.8		µg/l		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	19.5		µg/l		20.0		98	64.8-130	0.6	50
Methylene chloride	19.4		µg/l		20.0		97	70-130	5	25
Naphthalene	15.9		µg/l		20.0		79	70-130	4	25
n-Propylbenzene	20.4		µg/l		20.0		102	70-130	3	25
Styrene	19.4		µg/l		20.0		97	70-130	1	25
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130	3	25
1,1,2,2-Tetrachloroethane	21.6		µg/l		20.0		108	70-130	1	25
Tetrachloroethene	21.6		µg/l		20.0		108	70-130	1	25
Toluene	20.6		µg/l		20.0		103	70-130	1	25
1,2,3-Trichlorobenzene	17.7		µg/l		20.0		88	70-130	4	25
1,2,4-Trichlorobenzene	17.6		µg/l		20.0		88	70-130	1	25
1,3,5-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	2	25
1,1,1-Trichloroethane	20.9		µg/l		20.0		104	70-130	2	25
1,1,2-Trichloroethane	21.6		µg/l		20.0		108	70-130	1	25
Trichloroethene	20.5		µg/l		20.0		103	70-130	3	25
Trichlorofluoromethane (Freon 11)	21.3		µg/l		20.0		106	70-152	4	50
1,2,3-Trichloropropane	22.6		µg/l		20.0		113	70-130	6	25
1,2,4-Trimethylbenzene	20.1		µg/l		20.0		100	70-130	3	25
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		100	70-130	2	25
Vinyl chloride	20.4		µg/l		20.0		102	70-130	7	25
m,p-Xylene	42.9		µg/l		40.0		107	70-130	3	25
o-Xylene	22.1		µg/l		20.0		110	70-130	4	25
Tetrahydrofuran	19.4		µg/l		20.0		97	70-130	7	25
Ethyl ether	20.8		µg/l		20.0		104	70-133	3	50
Tert-amyl methyl ether	19.6		µg/l		20.0		98	70-130	2	25
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130	0.9	25
Di-isopropyl ether	18.8		µg/l		20.0		94	70-130	2	25
Tert-Butanol / butyl alcohol	220		µg/l		200		110	70-130	4	25
1,4-Dioxane	212		µg/l		200		106	53.1-139	7	25
trans-1,4-Dichloro-2-butene	17.4		µg/l		20.0		87	70-130	4	25
Ethanol	457		µg/l		400		114	70-130	11	30
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Matrix Spike (9052007-MS1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
Benzene	18.4		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	18.9		µg/l		20.0	BRL	94	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052007 - SW846 5030 Water MS										
Matrix Spike (9052007-MS1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
1,1-Dichloroethene	19.1		µg/l		20.0	BRL	95	70-130		
Toluene	29.8		µg/l		20.0	9.5	102	70-130		
Trichloroethene	19.4		µg/l		20.0	1.1	91	70-130		
Surrogate: 4-Bromofluorobenzene	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Matrix Spike Dup (9052007-MSD1)	**Source: SA95030-15**									
Prepared & Analyzed: 28-May-09										
Benzene	18.6		µg/l		20.0	BRL	93	70-130	1	30
Chlorobenzene	19.3		µg/l		20.0	BRL	97	70-130	2	30
1,1-Dichloroethene	20.6		µg/l		20.0	BRL	103	70-130	8	30
Toluene	30.2		µg/l		20.0	9.5	103	70-130	2	30
Trichloroethene	19.9		µg/l		20.0	1.1	94	70-130	3	30
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*30.8*		µg/l		*50.0*		*62*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Blank (9051400-BLK1)										
Prepared & Analyzed: 20-May-09										
Surrogate: Terphenyl-dl4	*35.2*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*27.6*		µg/l		*50.0*		*55*	*15-110*		
Surrogate: Nitrobenzene-d5	*34.4*		µg/l		*50.0*		*69*	*30-130*		
Surrogate: Phenol-d5	*16.5*		µg/l		*50.0*		*33*	*15-110*		
Surrogate: Terphenyl-dl4	*35.2*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*39.4*		µg/l		*50.0*		*79*	*15-110*		
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
Acenaphthene	34.5		µg/l	0.050	50.0		69	40-140		
Acenaphthene	34.5		µg/l	5.00	50.0		69	40-130		
Acenaphthylene	34.6		µg/l	0.050	50.0		69	40-140		
Acenaphthylene	34.6		µg/l	5.00	50.0		69	40-130		
Aniline	30.4		µg/l	5.00	50.0		61	40-130		
1-Methylnaphthalene	32.5		µg/l	0.050	50.0		65	40-140		
Anthracene	38.8		µg/l	0.050	50.0		78	40-140		
Anthracene	38.8		µg/l	5.00	50.0		78	40-130		
Atrazine	65.0		µg/l	5.00	50.0		130	40-130		
Azobenzene/Diphenyldiazine	40.8		µg/l	5.00	50.0		82	40-130		
Benzidine	BRL		µg/l	5.00	50.0			0-130		
Benzo (a) anthracene	34.1		µg/l	0.050	50.0		68	40-140		
Benzo (a) anthracene	34.1		µg/l	5.00	50.0		68	40-130		
Benzo (a) pyrene	38.8		µg/l	0.050	50.0		78	40-140		
Benzo (a) pyrene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (b) fluoranthene	37.7		µg/l	0.050	50.0		75	40-140		
Benzo (b) fluoranthene	37.7		µg/l	5.00	50.0		75	40-130		
Benzo (g,h,i) perylene	39.8		µg/l	5.00	50.0		80	40-130		
Benzo (g,h,i) perylene	39.8		µg/l	0.050	50.0		80	40-140		
Benzo (k) fluoranthene	39.1		µg/l	0.050	50.0		78	40-140		
Benzo (k) fluoranthene	39.1		µg/l	5.00	50.0		78	40-130		
Benzoic acid	21.8		µg/l	5.00	50.0		44	17.9-130		
Benzyl alcohol	37.4		µg/l	5.00	50.0		75	40-130		
Bis(2-chloroethoxy)methane	39.3		µg/l	5.00	50.0		79	40-130		
Bis(2-chloroethyl)ether	39.8		µg/l	5.00	50.0		80	40-130		
Bis(2-chloroisopropyl)ether	38.2		µg/l	5.00	50.0		76	40-130		
Bis(2-ethylhexyl)phthalate	36.6		µg/l	5.00	50.0		73	40-130		
4-Bromophenyl phenyl ether	46.5		µg/l	5.00	50.0		93	40-130		
Butyl benzyl phthalate	37.2		µg/l	5.00	50.0		74	40-130		
Carbazole	41.2		µg/l	5.00	50.0		82	40-130		
4-Chloro-3-methylphenol	39.0		µg/l	5.00	50.0		78	40-130		
4-Chloroaniline	35.4		µg/l	5.00	50.0		71	40-130		
2-Chloronaphthalene	32.5		µg/l	5.00	50.0		65	40-130		
2-Chlorophenol	34.6		µg/l	5.00	50.0		69	40-130		
4-Chlorophenyl phenyl ether	35.6		µg/l	5.00	50.0		71	40-130		
Chrysene	33.8		µg/l	5.00	50.0		68	40-130		
Chrysene	33.8		µg/l	0.050	50.0		68	40-140		
Dibenzo (a,h) anthracene	38.8		µg/l	0.050	50.0		78	40-140		
Dibenzo (a,h) anthracene	38.8		µg/l	5.00	50.0		78	40-130		
Dibenzofuran	32.6		µg/l	5.00	50.0		65	40-130		
1,2-Dichlorobenzene	33.2		µg/l	5.00	50.0		66	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
1,3-Dichlorobenzene	34.0		µg/l	5.00	50.0		68	40-130		
1,4-Dichlorobenzene	34.8		µg/l	5.00	50.0		70	40-130		
3,3´-Dichlorobenzidine	31.1		µg/l	5.00	50.0		62	40-130		
2,4-Dichlorophenol	37.3		µg/l	5.00	50.0		75	40-130		
Diethyl phthalate	37.3		µg/l	5.00	50.0		75	40-130		
Dimethyl phthalate	39.2		µg/l	5.00	50.0		78	40-130		
2,4-Dimethylphenol	36.3		µg/l	5.00	50.0		73	40-130		
Di-n-butyl phthalate	42.0		µg/l	5.00	50.0		84	40-130		
4,6-Dinitro-2-methylphenol	37.7		µg/l	5.00	50.0		75	40-130		
2,4-Dinitrophenol	38.9		µg/l	5.00	50.0		78	40-130		
2,4-Dinitrotoluene	35.9		µg/l	5.00	50.0		72	40-130		
2,6-Dinitrotoluene	35.1		µg/l	5.00	50.0		70	40-130		
Di-n-octyl phthalate	41.9		µg/l	5.00	50.0		84	40-130		
Fluoranthene	39.0		µg/l	5.00	50.0		78	40-130		
Fluoranthene	39.0		µg/l	0.050	50.0		78	40-140		
Fluorene	34.7		µg/l	5.00	50.0		69	40-130		
Fluorene	34.7		µg/l	0.050	50.0		69	40-140		
Hexachlorobenzene	36.4		µg/l	5.00	50.0		73	40-130		
Hexachlorobutadiene	34.0		µg/l	5.00	50.0		68	40-130		
Hexachlorocyclopentadiene	32.7		µg/l	5.00	50.0		65	40-130		
Hexachloroethane	33.8		µg/l	5.00	50.0		68	40-130		
Indeno (1,2,3-cd) pyrene	38.5		µg/l	5.00	50.0		77	40-130		
Indeno (1,2,3-cd) pyrene	38.5		µg/l	0.050	50.0		77	40-140		
Isophorone	37.4		µg/l	5.00	50.0		75	40-130		
2-Methylnaphthalene	36.0		µg/l	5.00	50.0		72	40-130		
2-Methylnaphthalene	36.0		µg/l	0.050	50.0		72	40-140		
2-Methylphenol	34.5		µg/l	5.00	50.0		69	40-130		
3 & 4-Methylphenol	36.0		µg/l	10.0	50.0		72	40-130		
Naphthalene	36.0		µg/l	0.050	50.0		72	40-140		
Naphthalene	36.0		µg/l	5.00	50.0		72	40-130		
2-Nitroaniline	35.6		µg/l	5.00	50.0		71	40-130		
3-Nitroaniline	32.8		µg/l	5.00	50.0		66	40-130		
4-Nitroaniline	35.7		µg/l	20.0	50.0		71	40-130		
Nitrobenzene	36.7		µg/l	5.00	50.0		73	40-130		
2-Nitrophenol	36.9		µg/l	5.00	50.0		74	40-130		
4-Nitrophenol	26.7		µg/l	20.0	50.0		53	40-130		
N-Nitrosodimethylamine	9.44	QC2	µg/l	5.00	50.0		19	40-130		
N-Nitrosodi-n-propylamine	41.0		µg/l	5.00	50.0		82	40-130		
N-Nitrosodiphenylamine	42.0		µg/l	5.00	50.0		84	40-130		
Pentachlorophenol	46.3		µg/l	20.0	50.0		93	40-130		
Phenanthrene	38.9		µg/l	5.00	50.0		78	40-130		
Phenanthrene	38.9		µg/l	0.050	50.0		78	40-140		
Phenol	20.5		µg/l	5.00	50.0		41	40-130		
Pyrene	35.1		µg/l	0.050	50.0		70	40-140		
Pyrene	35.1		µg/l	5.00	50.0		70	40-130		
Pyridine	7.67		µg/l	5.00	50.0		15	0-130		
Hexachlorobenzene	36.4		µg/l	1.00	50.0		73	40-140		
Hexachloroethane	33.8		µg/l	1.00	50.0		68	40-140		
1,2,4-Trichlorobenzene	34.4		µg/l	5.00	50.0		69	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
LCS (9051400-BS1)										
Prepared & Analyzed: 20-May-09										
1-Methylnaphthalene	32.5		µg/l	5.00	50.0		65	40-140		
Pentachlorophenol	46.3		µg/l	1.00	50.0		93	30-130		
2,4,5-Trichlorophenol	34.4		µg/l	5.00	50.0		69	40-130		
Hexachlorobutadiene	34.0		µg/l	0.500	50.0		68	40-140		
2,4,6-Trichlorophenol	37.8		µg/l	5.00	50.0		76	40-130		
Pentachloronitrobenzene	48.2		µg/l	5.00	50.0		96	40-140		
1,2,4,5-Tetrachlorobenzene	38.9		µg/l	5.00	50.0		78	40-140		
Surrogate: 2-Fluorobiphenyl	*31.5*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: Terphenyl-dl4	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.5*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*25.0*		µg/l		*50.0*		*50*	*15-110*		
Surrogate: Nitrobenzene-d5	*36.2*		µg/l		*50.0*		*72*	*30-130*		
Surrogate: Phenol-d5	*15.3*		µg/l		*50.0*		*31*	*15-110*		
Surrogate: Terphenyl-dl4	*30.8*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*42.5*		µg/l		*50.0*		*85*	*15-110*		
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
Acenaphthene	BRL		µg/l	5.43		BRL				50
Acenaphthene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	5.43		BRL				50
Acenaphthylene	BRL		µg/l	0.050		BRL				50
1-Methylnaphthalene	BRL		µg/l	0.050		BRL				50
Aniline	BRL		µg/l	5.43		BRL				50
Anthracene	BRL		µg/l	0.050		BRL				50
Anthracene	BRL		µg/l	5.43		BRL				50
Atrazine	BRL		µg/l	5.43		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/l	5.43		BRL				50
Benzidine	BRL		µg/l	5.43		BRL				50
Benzo (a) anthracene	BRL		µg/l	5.43		BRL				50
Benzo (a) anthracene	BRL		µg/l	0.050		BRL				50
Benzo (a) pyrene	BRL		µg/l	0.050		BRL				50
Benzo (a) pyrene	BRL		µg/l	5.43		BRL				50
Benzo (b) fluoranthene	BRL		µg/l	0.050		BRL				50
Benzo (b) fluoranthene	BRL		µg/l	5.43		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	5.43		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	0.050		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	0.050		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	5.43		BRL				50
Benzoic acid	BRL		µg/l	5.43		BRL				50
Benzyl alcohol	BRL		µg/l	5.43		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/l	5.43		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/l	5.43		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.43		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.43		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/l	5.43		BRL				50
Butyl benzyl phthalate	BRL		µg/l	5.43		BRL				50
Carbazole	BRL		µg/l	5.43		BRL				50
4-Chloro-3-methylphenol	BRL		µg/l	5.43		BRL				50
4-Chloroaniline	BRL		µg/l	5.43		BRL				50
2-Chloronaphthalene	BRL		µg/l	5.43		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
2-Chlorophenol	BRL		µg/l	5.43		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/l	5.43		BRL				50
Chrysene	BRL		µg/l	5.43		BRL				50
Chrysene	BRL		µg/l	0.050		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	5.43		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	0.050		BRL				50
Dibenzofuran	BRL		µg/l	5.43		BRL				50
1,2-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
1,3-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
1,4-Dichlorobenzene	BRL		µg/l	5.43		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/l	5.43		BRL				50
2,4-Dichlorophenol	BRL		µg/l	5.43		BRL				50
Diethyl phthalate	BRL		µg/l	5.43		BRL				50
Dimethyl phthalate	BRL		µg/l	5.43		BRL				50
2,4-Dimethylphenol	BRL		µg/l	5.43		BRL				50
Di-n-butyl phthalate	BRL		µg/l	5.43		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.43		BRL				50
2,4-Dinitrophenol	BRL		µg/l	5.43		BRL				50
2,4-Dinitrotoluene	BRL		µg/l	5.43		BRL				50
2,6-Dinitrotoluene	BRL		µg/l	5.43		BRL				50
Di-n-octyl phthalate	BRL		µg/l	5.43		BRL				50
Fluoranthene	BRL		µg/l	5.43		BRL				50
Fluoranthene	BRL		µg/l	0.050		BRL				50
Fluorene	BRL		µg/l	5.43		BRL				50
Fluorene	BRL		µg/l	0.050		BRL				50
Hexachlorobenzene	BRL		µg/l	5.43		BRL				50
Hexachlorobutadiene	BRL		µg/l	5.43		BRL				50
Hexachlorocyclopentadiene	BRL		µg/l	5.43		BRL				50
Hexachloroethane	BRL		µg/l	5.43		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.43		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		BRL				50
Isophorone	BRL		µg/l	5.43		BRL				50
2-Methylnaphthalene	BRL		µg/l	5.43		BRL				50
2-Methylnaphthalene	BRL		µg/l	0.050		BRL				50
2-Methylphenol	BRL		µg/l	5.43		BRL				50
3 & 4-Methylphenol	BRL		µg/l	10.9		BRL				50
Naphthalene	BRL		µg/l	0.050		BRL				50
Naphthalene	BRL		µg/l	5.43		BRL				50
2-Nitroaniline	BRL		µg/l	5.43		BRL				50
3-Nitroaniline	BRL		µg/l	5.43		BRL				50
4-Nitroaniline	BRL		µg/l	21.7		BRL				50
Nitrobenzene	BRL		µg/l	5.43		BRL				50
2-Nitrophenol	BRL		µg/l	5.43		BRL				50
4-Nitrophenol	BRL		µg/l	21.7		BRL				50
N-Nitrosodimethylamine	BRL		µg/l	5.43		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/l	5.43		BRL				50
N-Nitrosodiphenylamine	BRL		µg/l	5.43		BRL				50
Pentachlorophenol	BRL		µg/l	21.7		BRL				50
Phenanthrene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051400 - SW846 3510C										
Duplicate (9051400-DUP1) **Source: SA95070-20**										
Prepared: 20-May-09 Analyzed: 26-May-09										
Phenanthrene	BRL		µg/l	5.43		BRL				50
Phenol	BRL		µg/l	5.43		BRL				50
Pyrene	BRL		µg/l	5.43		BRL				50
Pyrene	BRL		µg/l	0.050		BRL				50
Pyridine	BRL		µg/l	5.43		BRL				50
Hexachlorobenzene	BRL		µg/l	1.00		BRL				50
1-Methylnaphthalene	BRL		µg/l	5.43		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/l	5.43		BRL				50
Hexachloroethane	BRL		µg/l	1.00		BRL				50
2,4,5-Trichlorophenol	BRL		µg/l	5.43		BRL				50
Pentachlorophenol	BRL		µg/l	1.00		BRL				50
2,4,6-Trichlorophenol	BRL		µg/l	5.43		BRL				50
Hexachlorobutadiene	BRL		µg/l	0.500		BRL				50
Pentachloronitrobenzene	BRL		µg/l	5.43		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.43		BRL				50
Surrogate: 2-Fluorobiphenyl	*33.0*		µg/l		*54.3*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*36.8*		µg/l		*54.3*		*68*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*34.2*		µg/l		*54.3*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*20.9*		µg/l		*54.3*		*38*	*15-110*		
Surrogate: Nitrobenzene-d5	*36.9*		µg/l		*54.3*		*68*	*30-130*		
Surrogate: Phenol-d5	*12.3*		µg/l		*54.3*		*23*	*15-110*		
Surrogate: Terphenyl-dl4	*32.1*		µg/l		*54.3*		*59*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*54.4*		µg/l		*54.3*		*100*	*15-110*		
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*20.2*		µg/l		*50.0*		*40*	*15-110*		
Surrogate: Nitrobenzene-d5	*33.5*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: Phenol-d5	*12.2*		µg/l		*50.0*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*49.3*		µg/l		*50.0*		*99*	*15-110*		
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	33.2		µg/l	5.00	50.0		66	40-130		
Acenaphthene	33.2		µg/l	0.050	50.0		66	40-140		
Acenaphthylene	33.0		µg/l	0.050	50.0		66	40-140		
Acenaphthylene	33.0		µg/l	5.00	50.0		66	40-130		
Aniline	22.6		µg/l	5.00	50.0		45	40-130		
1-Methylnaphthalene	31.1		µg/l	0.050	50.0		62	40-140		
Anthracene	40.8		µg/l	5.00	50.0		82	40-130		
Anthracene	40.8		µg/l	0.050	50.0		82	40-140		
Atrazine	55.9		µg/l	5.00	50.0		112	40-130		
Azobenzene/Diphenyldiazine	33.6		µg/l	5.00	50.0		67	40-130		
Benzidine	1.41		µg/l	5.00	50.0		3	0-130		
Benzo (a) anthracene	32.4		µg/l	0.050	50.0		65	40-140		
Benzo (a) anthracene	32.4		µg/l	5.00	50.0		65	40-130		
Benzo (a) pyrene	38.8		µg/l	0.050	50.0		78	40-140		
Benzo (a) pyrene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (b) fluoranthene	40.8		µg/l	5.00	50.0		82	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Benzo (b) fluoranthene	40.8		µg/l	0.050	50.0		82	40-140		
Benzo (g,h,i) perylene	40.3		µg/l	0.050	50.0		81	40-140		
Benzo (g,h,i) perylene	40.3		µg/l	5.00	50.0		81	40-130		
Benzo (k) fluoranthene	40.7		µg/l	0.050	50.0		81	40-140		
Benzo (k) fluoranthene	40.7		µg/l	5.00	50.0		81	40-130		
Benzoic acid	20.2		µg/l	5.00	50.0		40	17.9-130		
Benzyl alcohol	30.2		µg/l	5.00	50.0		60	40-130		
Bis(2-chloroethoxy)methane	35.4		µg/l	5.00	50.0		71	40-130		
Bis(2-chloroethyl)ether	35.9		µg/l	5.00	50.0		72	40-130		
Bis(2-chloroisopropyl)ether	32.5		µg/l	5.00	50.0		65	40-130		
Bis(2-ethylhexyl)phthalate	38.9		µg/l	5.00	50.0		78	40-130		
4-Bromophenyl phenyl ether	50.1		µg/l	5.00	50.0		100	40-130		
Butyl benzyl phthalate	38.7		µg/l	5.00	50.0		77	40-130		
Carbazole	42.6		µg/l	5.00	50.0		85	40-130		
4-Chloro-3-methylphenol	36.9		µg/l	5.00	50.0		74	40-130		
4-Chloroaniline	30.1		µg/l	5.00	50.0		60	40-130		
2-Chloronaphthalene	34.0		µg/l	5.00	50.0		68	40-130		
2-Chlorophenol	31.8		µg/l	5.00	50.0		64	40-130		
4-Chlorophenyl phenyl ether	35.0		µg/l	5.00	50.0		70	40-130		
Chrysene	36.0		µg/l	0.050	50.0		72	40-140		
Chrysene	36.0		µg/l	5.00	50.0		72	40-130		
Dibenzo (a,h) anthracene	41.0		µg/l	5.00	50.0		82	40-130		
Dibenzo (a,h) anthracene	41.0		µg/l	0.050	50.0		82	40-140		
Dibenzofuran	34.3		µg/l	5.00	50.0		69	40-130		
1,2-Dichlorobenzene	33.5		µg/l	5.00	50.0		67	40-130		
1,3-Dichlorobenzene	31.8		µg/l	5.00	50.0		64	40-130		
1,4-Dichlorobenzene	34.2		µg/l	5.00	50.0		68	40-130		
3,3´-Dichlorobenzidine	36.9		µg/l	5.00	50.0		74	40-130		
2,4-Dichlorophenol	40.4		µg/l	5.00	50.0		81	40-130		
Diethyl phthalate	36.1		µg/l	5.00	50.0		72	40-130		
Dimethyl phthalate	37.5		µg/l	5.00	50.0		75	40-130		
2,4-Dimethylphenol	36.2		µg/l	5.00	50.0		72	40-130		
Di-n-butyl phthalate	43.4		µg/l	5.00	50.0		87	40-130		
4,6-Dinitro-2-methylphenol	46.3		µg/l	5.00	50.0		93	40-130		
2,4-Dinitrophenol	43.2		µg/l	5.00	50.0		86	40-130		
2,4-Dinitrotoluene	38.7		µg/l	5.00	50.0		77	40-130		
2,6-Dinitrotoluene	37.3		µg/l	5.00	50.0		75	40-130		
Di-n-octyl phthalate	40.7		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	0.050	50.0		81	40-140		
Fluorene	34.0		µg/l	5.00	50.0		68	40-130		
Fluorene	34.0		µg/l	0.050	50.0		68	40-140		
Hexachlorobenzene	44.3		µg/l	5.00	50.0		89	40-130		
Hexachlorobutadiene	41.8		µg/l	5.00	50.0		84	40-130		
Hexachlorocyclopentadiene	34.8		µg/l	5.00	50.0		70	40-130		
Hexachloroethane	32.9		µg/l	5.00	50.0		66	40-130		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	0.050	50.0		83	40-140		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	5.00	50.0		83	40-130		
Isophorone	34.0		µg/l	5.00	50.0		68	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
2-Methylnaphthalene	35.5		µg/l	0.050	50.0		71	40-140		
2-Methylnaphthalene	35.5		µg/l	5.00	50.0		71	40-130		
2-Methylphenol	30.0		µg/l	5.00	50.0		60	40-130		
3 & 4-Methylphenol	28.4		µg/l	10.0	50.0		57	40-130		
Naphthalene	35.6		µg/l	5.00	50.0		71	40-130		
Naphthalene	35.6		µg/l	0.050	50.0		71	40-140		
2-Nitroaniline	34.3		µg/l	5.00	50.0		69	40-130		
3-Nitroaniline	28.8		µg/l	5.00	50.0		58	40-130		
4-Nitroaniline	35.1		µg/l	20.0	50.0		70	40-130		
Nitrobenzene	34.1		µg/l	5.00	50.0		68	40-130		
2-Nitrophenol	38.7		µg/l	5.00	50.0		77	40-130		
4-Nitrophenol	22.6		µg/l	20.0	50.0		45	40-130		
N-Nitrosodimethylamine	23.7		µg/l	5.00	50.0		47	40-130		
N-Nitrosodi-n-propylamine	32.4		µg/l	5.00	50.0		65	40-130		
N-Nitrosodiphenylamine	42.5		µg/l	5.00	50.0		85	40-130		
Pentachlorophenol	50.0		µg/l	20.0	50.0		100	40-130		
Phenanthrene	40.5		µg/l	0.050	50.0		81	40-140		
Phenanthrene	40.5		µg/l	5.00	50.0		81	40-130		
Phenol	19.5	QC2	µg/l	5.00	50.0		39	40-130		
Pyrene	34.2		µg/l	5.00	50.0		68	40-130		
Pyrene	34.2		µg/l	0.050	50.0		68	40-140		
Pyridine	17.6		µg/l	5.00	50.0		35	0-130		
Hexachlorobenzene	44.3		µg/l	1.00	50.0		89	40-140		
1,2,4-Trichlorobenzene	39.5		µg/l	5.00	50.0		79	40-130		
Hexachloroethane	32.9		µg/l	1.00	50.0		66	40-140		
1-Methylnaphthalene	31.1		µg/l	5.00	50.0		62	40-140		
2,4,5-Trichlorophenol	38.2		µg/l	5.00	50.0		76	40-130		
Pentachlorophenol	50.0		µg/l	1.00	50.0		100	30-130		
Hexachlorobutadiene	41.8		µg/l	0.500	50.0		84	40-140		
2,4,6-Trichlorophenol	34.1		µg/l	5.00	50.0		68	40-130		
Pentachloronitrobenzene	52.3		µg/l	5.00	50.0		105	40-140		
1,2,4,5-Tetrachlorobenzene	40.8		µg/l	5.00	50.0		82	40-140		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*21.8*		µg/l		*50.0*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*34.9*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: Phenol-d5	*13.2*		µg/l		*50.0*		*26*	*15-110*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*53.1*		µg/l		*50.0*		*106*	*15-110*		
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Acenaphthene	BRL		µg/l	5.75		BRL				50
Acenaphthene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	5.75		BRL				50
1-Methylnaphthalene	0.0920		µg/l	0.050		0.101			9	50
Aniline	BRL		µg/l	5.75		BRL				50
Anthracene	BRL		µg/l	5.75		BRL				50
Anthracene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Atrazine	BRL		µg/l	5.75		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/l	5.75		BRL				50
Benzidine	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	0.050		0.135				50
Benzo (a) pyrene	BRL		µg/l	0.050		0.112				50
Benzo (a) pyrene	BRL		µg/l	5.75		BRL				50
Benzo (b) fluoranthene	0.0920	QM4	µg/l	0.050		0.202			75	50
Benzo (b) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	0.050		0.101				50
Benzo (g,h,i) perylene	BRL		µg/l	5.75		BRL				50
Benzo (k) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (k) fluoranthene	0.0575	QM4	µg/l	0.050		0.112			65	50
Benzoic acid	BRL		µg/l	5.75		BRL				50
Benzyl alcohol	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.75		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Butyl benzyl phthalate	BRL		µg/l	5.75		BRL				50
Carbazole	BRL		µg/l	5.75		BRL				50
4-Chloro-3-methylphenol	BRL		µg/l	5.75		BRL				50
4-Chloroaniline	BRL		µg/l	5.75		BRL				50
2-Chloronaphthalene	BRL		µg/l	5.75		BRL				50
2-Chlorophenol	BRL		µg/l	5.75		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Chrysene	0.0575	QM4	µg/l	0.050		0.124			73	50
Chrysene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	0.050		BRL				50
Dibenzofuran	BRL		µg/l	5.75		BRL				50
1,2-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,3-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,4-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/l	5.75		BRL				50
2,4-Dichlorophenol	BRL		µg/l	5.75		BRL				50
Diethyl phthalate	BRL		µg/l	5.75		BRL				50
Dimethyl phthalate	BRL		µg/l	5.75		BRL				50
2,4-Dimethylphenol	BRL		µg/l	5.75		BRL				50
Di-n-butyl phthalate	BRL		µg/l	5.75		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrophenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
2,6-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
Di-n-octyl phthalate	BRL		µg/l	5.75		BRL				50
Fluoranthene	0.126	QM4	µg/l	0.050		0.281			76	50
Fluoranthene	BRL		µg/l	5.75		BRL				50
Fluorene	BRL		µg/l	0.050		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Fluorene	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	5.75		BRL				50
Hexachlorocyclopentadiene	BRL		µg/l	5.75		BRL				50
Hexachloroethane	BRL		µg/l	5.75		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		0.0899				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.75		BRL				50
Isophorone	BRL		µg/l	5.75		BRL				50
2-Methylnaphthalene	0.126		µg/l	0.050		0.135			6	50
2-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
2-Methylphenol	BRL		µg/l	5.75		BRL				50
3 & 4-Methylphenol	BRL		µg/l	11.5		BRL				50
Naphthalene	BRL		µg/l	5.75		BRL				50
Naphthalene	BRL		µg/l	0.050		BRL				50
2-Nitroaniline	BRL		µg/l	5.75		BRL				50
3-Nitroaniline	BRL		µg/l	5.75		BRL				50
4-Nitroaniline	BRL		µg/l	23.0		BRL				50
Nitrobenzene	BRL		µg/l	5.75		BRL				50
2-Nitrophenol	BRL		µg/l	5.75		BRL				50
4-Nitrophenol	BRL		µg/l	23.0		BRL				50
N-Nitrosodimethylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodiphenylamine	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	23.0		BRL				50
Phenanthrene	BRL		µg/l	0.050		BRL				50
Phenanthrene	BRL		µg/l	5.75		BRL				50
Phenol	BRL		µg/l	5.75		BRL				50
Pyrene	0.103	QM4	µg/l	0.050		0.236			78	50
Pyrene	BRL		µg/l	5.75		BRL				50
Pyridine	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	1.00		BRL				50
Hexachloroethane	BRL		µg/l	1.00		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/l	5.75		BRL				50
1-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	1.00		BRL				50
2,4,5-Trichlorophenol	BRL		µg/l	5.75		BRL				50
2,4,6-Trichlorophenol	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	0.500		BRL				50
Pentachloronitrobenzene	BRL		µg/l	5.75		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.75		BRL				50
Surrogate: 2-Fluorobiphenyl	*35.3*		µg/l		*57.5*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*40.3*		µg/l		*57.5*		*70*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*35.9*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*22.6*		µg/l		*57.5*		*39*	*15-110*		
Surrogate: Nitrobenzene-d5	*38.0*		µg/l		*57.5*		*66*	*30-130*		
Surrogate: Phenol-d5	*13.6*		µg/l		*57.5*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*35.5*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*57.7*		µg/l		*57.5*		*100*	*15-110*		

Batch 9051798 - SW846 3545A

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Blank (9051798-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Blank (9051798-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
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	*1780*		µg/kg wet		*3330*		*53*	*30-130*		
Surrogate: 2-Fluorophenol	*2170*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*1960*		µg/kg wet		*3330*		*59*	*30-130*		
Surrogate: Phenol-d5	*1820*		µg/kg wet		*3330*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*1940*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1940*		µg/kg wet		*3330*		*58*	*15-110*		
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1920		µg/kg wet	330	3330		58	40-130		
Acenaphthylene	1920		µg/kg wet	330	3330		58	40-130		
Aniline	1830		µg/kg wet	330	3330		55	40-130		
Anthracene	2180		µg/kg wet	330	3330		65	40-130		
Atrazine	3650		µg/kg wet	330	3330		110	40-130		
Azobenzene/Diphenyldiazine	2180		µg/kg wet	330	3330		65	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2000		µg/kg wet	330	3330		60	40-130		
Benzo (a) pyrene	2250		µg/kg wet	330	3330		68	40-130		
Benzo (b) fluoranthene	2110		µg/kg wet	330	3330		63	40-130		
Benzo (g,h,i) perylene	2120		µg/kg wet	330	3330		64	40-130		
Benzo (k) fluoranthene	2380		µg/kg wet	330	3330		71	40-130		
Benzoic acid	1710		µg/kg wet	330	3330		51	0-161		
Benzyl alcohol	2090		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroethoxy)methane	2280		µg/kg wet	330	3330		68	40-130		
Bis(2-chloroethyl)ether	2380		µg/kg wet	330	3330		71	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Bis(2-chloroisopropyl)ether	2370		µg/kg wet	330	3330		71	40-130		
Bis(2-ethylhexyl)phthalate	2290		µg/kg wet	330	3330		69	40-130		
4-Bromophenyl phenyl ether	2640		µg/kg wet	330	3330		79	40-130		
Butyl benzyl phthalate	2220		µg/kg wet	330	3330		67	40-130		
Carbazole	2330		µg/kg wet	330	3330		70	40-130		
4-Chloro-3-methylphenol	2140		µg/kg wet	330	3330		64	40-130		
4-Chloroaniline	1940		µg/kg wet	330	3330		58	40-130		
2-Chloronaphthalene	1850		µg/kg wet	330	3330		56	40-130		
2-Chlorophenol	2100		µg/kg wet	330	3330		63	40-130		
4-Chlorophenyl phenyl ether	2010		µg/kg wet	330	3330		60	40-130		
Chrysene	2030		µg/kg wet	330	3330		61	40-130		
Dibenzo (a,h) anthracene	2080		µg/kg wet	330	3330		62	40-130		
Dibenzofuran	1820		µg/kg wet	330	3330		55	40-130		
1,2-Dichlorobenzene	1970		µg/kg wet	330	3330		59	40-130		
1,3-Dichlorobenzene	2060		µg/kg wet	330	3330		62	40-130		
1,4-Dichlorobenzene	2070		µg/kg wet	330	3330		62	40-130		
3,3´-Dichlorobenzidine	1860		µg/kg wet	330	3330		56	40-130		
2,4-Dichlorophenol	2070		µg/kg wet	330	3330		62	40-130		
Diethyl phthalate	2130		µg/kg wet	330	3330		64	40-130		
Dimethyl phthalate	2180		µg/kg wet	330	3330		65	40-130		
2,4-Dimethylphenol	2050		µg/kg wet	330	3330		61	40-130		
Di-n-butyl phthalate	2350		µg/kg wet	330	3330		71	40-130		
4,6-Dinitro-2-methylphenol	2150		µg/kg wet	330	3330		64	40-130		
2,4-Dinitrophenol	2070		µg/kg wet	330	3330		62	40-130		
2,4-Dinitrotoluene	1990		µg/kg wet	330	3330		60	40-130		
2,6-Dinitrotoluene	1980		µg/kg wet	330	3330		59	40-130		
Di-n-octyl phthalate	2490		µg/kg wet	330	3330		75	40-130		
Fluoranthene	2180		µg/kg wet	330	3330		65	40-130		
Fluorene	1940		µg/kg wet	330	3330		58	40-130		
Hexachlorobenzene	2100		µg/kg wet	330	3330		63	40-130		
Hexachlorobutadiene	1990		µg/kg wet	330	3330		60	40-130		
Hexachlorocyclopentadiene	1990		µg/kg wet	330	3330		60	40-130		
Hexachloroethane	2150		µg/kg wet	330	3330		65	40-130		
Indeno (1,2,3-cd) pyrene	2080		µg/kg wet	330	3330		62	40-130		
1-Methylnaphthalene	1860		µg/kg wet	330	3330		56	40-140		
Isophorone	2150		µg/kg wet	330	3330		65	40-130		
2-Methylnaphthalene	2020		µg/kg wet	330	3330		61	40-130		
2-Methylphenol	2130		µg/kg wet	330	3330		64	40-130		
3 & 4-Methylphenol	2380		µg/kg wet	330	3330		71	40-130		
Naphthalene	2050		µg/kg wet	330	3330		61	40-130		
2-Nitroaniline	1950		µg/kg wet	330	3330		58	40-130		
3-Nitroaniline	1800		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	1930		µg/kg wet	1320	3330		58	40-130		
Nitrobenzene	2110		µg/kg wet	330	3330		63	40-130		
2-Nitrophenol	2090		µg/kg wet	330	3330		63	40-130		
4-Nitrophenol	1500		µg/kg wet	1320	3330		45	40-130		
N-Nitrosodimethylamine	2310		µg/kg wet	330	3330		69	40-130		
N-Nitrosodi-n-propylamine	2420		µg/kg wet	330	3330		73	40-130		
N-Nitrosodiphenylamine	2380		µg/kg wet	330	3330		71	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
LCS (9051798-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Pentachlorophenol	2350		µg/kg wet	330	3330		70	40-130		
Phenanthrene	2190		µg/kg wet	330	3330		66	40-130		
Phenol	2290		µg/kg wet	330	3330		69	40-130		
Pyrene	2080		µg/kg wet	330	3330		62	40-130		
Pyridine	907		µg/kg wet	330	3330		27	0-130		
1,2,4-Trichlorobenzene	1950		µg/kg wet	330	3330		59	40-130		
2,4,5-Trichlorophenol	1880		µg/kg wet	330	3330		56	40-130		
2,4,6-Trichlorophenol	1950		µg/kg wet	330	3330		58	40-130		
Pentachloronitrobenzene	2810		µg/kg wet	330	3330		84	40-140		
1,2,4,5-Tetrachlorobenzene	2270		µg/kg wet	330	3330		68	40-140		
Surrogate: 2-Fluorobiphenyl	*1920*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2-Fluorophenol	*2150*		µg/kg wet		*3330*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*2190*		µg/kg wet		*3330*		*66*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg wet		*3330*		*56*	*15-110*		
Surrogate: Terphenyl-dl4	*1940*		µg/kg wet		*3330*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2360*		µg/kg wet		*3330*		*71*	*15-110*		
Duplicate (9051798-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	BRL		µg/kg dry	419		BRL				50
Acenaphthylene	BRL		µg/kg dry	419		BRL				50
Aniline	BRL		µg/kg dry	419		BRL				50
Anthracene	BRL		µg/kg dry	419		BRL				50
Atrazine	BRL		µg/kg dry	419		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	419		BRL				50
Benzidine	BRL		µg/kg dry	419		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	419		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	419		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	419		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	419		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	419		BRL				50
Benzoic acid	BRL		µg/kg dry	419		BRL				50
Benzyl alcohol	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	419		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	419		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	419		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	419		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	419		BRL				50
Carbazole	BRL		µg/kg dry	419		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	419		BRL				50
4-Chloroaniline	BRL		µg/kg dry	419		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	419		BRL				50
2-Chlorophenol	BRL		µg/kg dry	419		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	419		BRL				50
Chrysene	BRL		µg/kg dry	419		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	419		BRL				50
Dibenzofuran	BRL		µg/kg dry	419		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	419		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Duplicate (9051798-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
3,3´-Dichlorobenzidine	BRL		µg/kg dry	419		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	419		BRL				50
Diethyl phthalate	BRL		µg/kg dry	419		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	419		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	419		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	419		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	419		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	419		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	419		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	419		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	419		BRL				50
Fluoranthene	BRL		µg/kg dry	419		BRL				50
Fluorene	BRL		µg/kg dry	419		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	419		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	419		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	419		BRL				50
Hexachloroethane	BRL		µg/kg dry	419		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	419		BRL				50
Isophorone	BRL		µg/kg dry	419		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	419		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	419		BRL				50
2-Methylphenol	BRL		µg/kg dry	419		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	419		BRL				50
Naphthalene	BRL		µg/kg dry	419		BRL				50
2-Nitroaniline	BRL		µg/kg dry	419		BRL				50
3-Nitroaniline	BRL		µg/kg dry	419		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1680		BRL				50
Nitrobenzene	BRL		µg/kg dry	419		BRL				50
2-Nitrophenol	BRL		µg/kg dry	419		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1680		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	419		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	419		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	419		BRL				50
Pentachlorophenol	BRL		µg/kg dry	419		BRL				50
Phenanthrene	BRL		µg/kg dry	419		BRL				50
Phenol	BRL		µg/kg dry	419		BRL				50
Pyrene	BRL		µg/kg dry	419		BRL				50
Pyridine	BRL		µg/kg dry	419		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	419		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	419		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	419		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	419		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	419		BRL				50
Surrogate: 2-Fluorobiphenyl	*1490*		µg/kg dry		*2120*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*1920*		µg/kg dry		*2120*		*91*	*15-110*		
Surrogate: Nitrobenzene-d5	*1660*		µg/kg dry		*2120*		*78*	*30-130*		
Surrogate: Phenol-d5	*1520*		µg/kg dry		*2120*		*72*	*15-110*		
Surrogate: Terphenyl-dl4	*1700*		µg/kg dry		*2120*		*80*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1740*		µg/kg dry		*2120*		*82*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051798 - SW846 3545A										
Matrix Spike (9051798-MS1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1220		µg/kg dry	209	2110	BRL	58	40-140		
Benzo (b) fluoranthene	1510		µg/kg dry	209	2110	BRL	72	40-140		
Benzo (k) fluoranthene	1640		µg/kg dry	209	2110	BRL	78	40-140		
4-Chloro-3-methylphenol	1370		µg/kg dry	209	2110	BRL	65	30-130		
2-Chlorophenol	1350		µg/kg dry	209	2110	BRL	64	30-130		
Chrysene	1290		µg/kg dry	209	2110	BRL	61	40-140		
1,4-Dichlorobenzene	1330		µg/kg dry	209	2110	BRL	63	40-140		
Indeno (1,2,3-cd) pyrene	1000		µg/kg dry	209	2110	BRL	48	40-140		
Naphthalene	1310		µg/kg dry	209	2110	BRL	62	40-140		
4-Nitrophenol	913		µg/kg dry	835	2110	BRL	43	30-130		
N-Nitrosodi-n-propylamine	1550		µg/kg dry	209	2110	BRL	74	40-140		
Pentachlorophenol	1480		µg/kg dry	209	2110	BRL	70	30-130		
Phenol	1450		µg/kg dry	209	2110	BRL	69	30-130		
Pyrene	1400		µg/kg dry	209	2110	BRL	66	40-140		
1,2,4-Trichlorobenzene	1280		µg/kg dry	209	2110	BRL	61	40-140		
Surrogate: 2-Fluorobiphenyl	*1160*		µg/kg dry		*2110*		*55*	*30-130*		
Surrogate: 2-Fluorophenol	*1320*		µg/kg dry		*2110*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*1340*		µg/kg dry		*2110*		*64*	*30-130*		
Surrogate: Phenol-d5	*1130*		µg/kg dry		*2110*		*54*	*15-110*		
Surrogate: Terphenyl-dl4	*1230*		µg/kg dry		*2110*		*58*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1410*		µg/kg dry		*2110*		*67*	*15-110*		
Matrix Spike Dup (9051798-MSD1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	1440		µg/kg dry	208	2100	BRL	69	40-140	17	30
Benzo (b) fluoranthene	1740		µg/kg dry	208	2100	BRL	83	40-140	15	30
Benzo (k) fluoranthene	1930		µg/kg dry	208	2100	BRL	92	40-140	16	30
4-Chloro-3-methylphenol	1610		µg/kg dry	208	2100	BRL	76	30-130	16	30
2-Chlorophenol	1550		µg/kg dry	208	2100	BRL	74	30-130	14	30
Chrysene	1480		µg/kg dry	208	2100	BRL	70	40-140	14	30
1,4-Dichlorobenzene	1530		µg/kg dry	208	2100	BRL	73	40-140	14	30
Indeno (1,2,3-cd) pyrene	1180		µg/kg dry	208	2100	BRL	56	40-140	17	30
Naphthalene	1540		µg/kg dry	208	2100	BRL	73	40-140	16	30
4-Nitrophenol	1060		µg/kg dry	833	2100	BRL	50	30-130	15	30
N-Nitrosodi-n-propylamine	1790		µg/kg dry	208	2100	BRL	85	40-140	14	30
Pentachlorophenol	1820		µg/kg dry	208	2100	BRL	87	30-130	21	30
Phenol	1690		µg/kg dry	208	2100	BRL	80	30-130	16	30
Pyrene	1630		µg/kg dry	208	2100	BRL	77	40-140	15	30
1,2,4-Trichlorobenzene	1490		µg/kg dry	208	2100	BRL	71	40-140	15	30
Surrogate: 2-Fluorobiphenyl	*1370*		µg/kg dry		*2100*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*1520*		µg/kg dry		*2100*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*1530*		µg/kg dry		*2100*		*73*	*30-130*		
Surrogate: Phenol-d5	*1290*		µg/kg dry		*2100*		*61*	*15-110*		
Surrogate: Terphenyl-dl4	*1410*		µg/kg dry		*2100*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1690*		µg/kg dry		*2100*		*80*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
Blank (9051501-BLK1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.9*		µg/kg wet		*13.3*		*104*	*30-150*		
LCS (9051501-BS1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	22.7		µg/kg wet	6.70	33.3		68	40-140		
2,4,5-T [2C]	22.1		µg/kg wet	6.70	33.3		66	40-140		
2,4,5-TP (Silvex)	21.8		µg/kg wet	6.70	33.3		65	40-140		
2,4,5-TP (Silvex) [2C]	22.5		µg/kg wet	6.70	33.3		67	40-140		
2,4-D	24.3		µg/kg wet	6.70	33.3		73	40-140		
2,4-D [2C]	24.5		µg/kg wet	6.70	33.3		73	40-140		
2,4-DB	25.3		µg/kg wet	6.70	33.3		76	40-140		
2,4-DB [2C]	29.1		µg/kg wet	6.70	33.3		87	40-140		
Dalapon	17.6		µg/kg wet	6.70	33.3		53	40-140		
Dalapon [2C]	19.2		µg/kg wet	6.70	33.3		58	40-140		
Dicamba	22.1		µg/kg wet	6.70	33.3		66	40-140		
Dicamba [2C]	22.6		µg/kg wet	6.70	33.3		68	40-140		
Dichlorprop	25.1		µg/kg wet	6.70	33.3		75	40-140		
Dichlorprop [2C]	24.3		µg/kg wet	6.70	33.3		73	40-140		
Dinoseb	23.5		µg/kg wet	6.70	33.3		71	40-140		
Dinoseb [2C]	22.7		µg/kg wet	6.70	33.3		68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.9*		µg/kg wet		*13.3*		*97*	*30-150*		
LCS (9051501-BS2)										
Prepared & Analyzed: 21-May-09										
MCPA	6600		µg/kg wet	670	10000		66	40-140		
MCPA [2C]	7470		µg/kg wet	670	10000		75	40-140		
MCPB	7130		µg/kg wet	670	10000		71	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
LCS (9051501-BS2)										
Prepared & Analyzed: 21-May-09										
MCPB [2C]	7330		µg/kg wet	670	10000		73	40-140		
MCPP	7530		µg/kg wet	670	10000		75	40-140		
MCPP [2C]	5930		µg/kg wet	670	10000		59	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.5*		µg/kg wet		*13.3*		*94*	*30-150*		
LCS Dup (9051501-BSD1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	22.7		µg/kg wet	6.70	33.3		68	40-140	0.3	25
2,4,5-T [2C]	24.1		µg/kg wet	6.70	33.3		72	40-140	9	25
2,4,5-TP (Silvex)	22.9		µg/kg wet	6.70	33.3		69	40-140	5	25
2,4,5-TP (Silvex) [2C]	24.2		µg/kg wet	6.70	33.3		73	40-140	7	25
2,4-D	24.2		µg/kg wet	6.70	33.3		73	40-140	0.3	25
2,4-D [2C]	25.3		µg/kg wet	6.70	33.3		76	40-140	3	25
2,4-DB	26.2		µg/kg wet	6.70	33.3		79	40-140	3	25
2,4-DB [2C]	25.6		µg/kg wet	6.70	33.3		77	40-140	13	25
Dalapon	18.1		µg/kg wet	6.70	33.3		54	40-140	3	25
Dalapon [2C]	22.0		µg/kg wet	6.70	33.3		66	40-140	14	25
Dicamba	22.7		µg/kg wet	6.70	33.3		68	40-140	3	25
Dicamba [2C]	23.7		µg/kg wet	6.70	33.3		71	40-140	5	25
Dichlorprop	26.0		µg/kg wet	6.70	33.3		78	40-140	4	25
Dichlorprop [2C]	26.2		µg/kg wet	6.70	33.3		79	40-140	8	25
Dinoseb	24.9		µg/kg wet	6.70	33.3		75	40-140	6	25
Dinoseb [2C]	24.7		µg/kg wet	6.70	33.3		74	40-140	8	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*13.3*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.1*		µg/kg wet		*13.3*		*98*	*30-150*		
LCS Dup (9051501-BSD2)										
Prepared & Analyzed: 21-May-09										
MCPA	6530		µg/kg wet	670	10000		65	40-140	1	25
MCPA [2C]	7400		µg/kg wet	670	10000		74	40-140	0.9	25
MCPB	7270		µg/kg wet	670	10000		73	40-140	2	25
MCPB [2C]	7470		µg/kg wet	670	10000		75	40-140	2	25
MCPP	7130		µg/kg wet	670	10000		71	40-140	5	25
MCPP [2C]	6470		µg/kg wet	670	10000		65	40-140	9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg wet		*13.3*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.1*		µg/kg wet		*13.3*		*98*	*30-150*		
Duplicate (9051501-DUP1) **Source: SA95049-04**										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051501 - SW846 3550B										
Duplicate (9051501-DUP1) **Source: SA95049-04**										
Prepared & Analyzed: 21-May-09										
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.2*		µg/kg dry		*15.9*		*77*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.6*		µg/kg dry		*15.9*		*142*	*30-150*		
Batch 9051510 - SW846 3510C										
Blank (9051510-BLK1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	BRL		µg/l	0.200						
Aroclor-1016 [2C]	BRL		µg/l	0.200						
Aroclor-1221	BRL		µg/l	0.200						
Aroclor-1221 [2C]	BRL		µg/l	0.200						
Aroclor-1232	BRL		µg/l	0.200						
Aroclor-1232 [2C]	BRL		µg/l	0.200						
Aroclor-1242	BRL		µg/l	0.200						
Aroclor-1242 [2C]	BRL		µg/l	0.200						
Aroclor-1248	BRL		µg/l	0.200						
Aroclor-1248 [2C]	BRL		µg/l	0.200						
Aroclor-1254	BRL		µg/l	0.200						
Aroclor-1254 [2C]	BRL		µg/l	0.200						
Aroclor-1260	BRL		µg/l	0.200						
Aroclor-1260 [2C]	BRL		µg/l	0.200						
Aroclor-1262	BRL		µg/l	0.200						
Aroclor-1262 [2C]	BRL		µg/l	0.200						
Aroclor-1268	BRL		µg/l	0.200						
Aroclor-1268 [2C]	BRL		µg/l	0.200						
Surrogate: Decachlorobiphenyl (Sr)	*0.173*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.161*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.164*		µg/l		*0.200*		*82*	*30-150*		
LCS (9051510-BS1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	2.55		µg/l	0.200	2.50		102	50-140		
Aroclor-1016 [2C]	2.36		µg/l	0.200	2.50		94	50-140		
Aroclor-1260	2.16		µg/l	0.200	2.50		86	50-140		
Aroclor-1260 [2C]	2.25		µg/l	0.200	2.50		90	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*0.158*		µg/l		*0.200*		*79*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.191*		µg/l		*0.200*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.163*		µg/l		*0.200*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.172*		µg/l		*0.200*		*86*	*30-150*		
LCS Dup (9051510-BSD1)										
Prepared: 21-May-09 Analyzed: 23-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051510 - SW846 3510C										
LCS Dup (9051510-BSD1)										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	2.53		µg/l	0.200	2.50		101	50-140	0.9	30
Aroclor-1016 [2C]	2.30		µg/l	0.200	2.50		92	50-140	2	30
Aroclor-1260	2.10		µg/l	0.200	2.50		84	50-140	3	30
Aroclor-1260 [2C]	2.22		µg/l	0.200	2.50		89	50-140	1	30
Surrogate: Decachlorobiphenyl (Sr)	*0.171*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.189*		µg/l		*0.200*		*94*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.166*		µg/l		*0.200*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.171*		µg/l		*0.200*		*86*	*30-150*		
Duplicate (9051510-DUP1) **Source: SA95070-20**										
Prepared: 21-May-09 Analyzed: 23-May-09										
Aroclor-1016	BRL		µg/l	0.215		BRL				40
Aroclor-1016 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1221	BRL		µg/l	0.215		BRL				40
Aroclor-1221 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1232	BRL		µg/l	0.215		BRL				40
Aroclor-1232 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1242	BRL		µg/l	0.215		BRL				40
Aroclor-1242 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1248	BRL		µg/l	0.215		BRL				40
Aroclor-1248 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1254	BRL		µg/l	0.215		BRL				40
Aroclor-1254 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1260	BRL		µg/l	0.215		BRL				40
Aroclor-1260 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1262	BRL		µg/l	0.215		BRL				40
Aroclor-1262 [2C]	BRL		µg/l	0.215		BRL				40
Aroclor-1268	BRL		µg/l	0.215		BRL				40
Aroclor-1268 [2C]	BRL		µg/l	0.215		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*0.113*		µg/l		*0.215*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.117*		µg/l		*0.215*		*54*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.169*		µg/l		*0.215*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.163*		µg/l		*0.215*		*76*	*30-150*		
Batch 9051518 - SW846 3510C										
Blank (9051518-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	BRL		µg/l	0.0200						
alpha-BHC [2C]	BRL		µg/l	0.0200						
beta-BHC	BRL		µg/l	0.0200						
beta-BHC [2C]	BRL		µg/l	0.0200						
delta-BHC	BRL		µg/l	0.0200						
delta-BHC [2C]	BRL		µg/l	0.0200						
gamma-BHC (Lindane)	BRL		µg/l	0.0200						
gamma-BHC (Lindane) [2C]	BRL		µg/l	0.0200						
Heptachlor	BRL		µg/l	0.0200						
Heptachlor [2C]	BRL		µg/l	0.0200						
Aldrin	BRL		µg/l	0.0200						
Aldrin [2C]	BRL		µg/l	0.0200						
Heptachlor epoxide	BRL		µg/l	0.0200						
Heptachlor epoxide [2C]	BRL		µg/l	0.0200						
Endosulfan I	BRL		µg/l	0.0200						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
Blank (9051518-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Endosulfan I [2C]	BRL		µg/l	0.0200						
Dieldrin	BRL		µg/l	0.0200						
Dieldrin [2C]	BRL		µg/l	0.0200						
4,4'-DDE (p,p')	BRL		µg/l	0.0200						
4,4'-DDE (p,p') [2C]	BRL		µg/l	0.0200						
Endrin	BRL		µg/l	0.0400						
Endrin [2C]	BRL		µg/l	0.0400						
Endosulfan II	BRL		µg/l	0.0400						
Endosulfan II [2C]	BRL		µg/l	0.0400						
4,4'-DDD (p,p')	BRL		µg/l	0.0400						
4,4'-DDD (p,p') [2C]	BRL		µg/l	0.0400						
Endosulfan sulfate	BRL		µg/l	0.0400						
Endosulfan sulfate [2C]	BRL		µg/l	0.0400						
4,4'-DDT (p,p')	BRL		µg/l	0.0400						
4,4'-DDT (p,p') [2C]	BRL		µg/l	0.0400						
Methoxychlor	BRL		µg/l	0.0400						
Methoxychlor [2C]	BRL		µg/l	0.0400						
Endrin ketone	BRL		µg/l	0.0400						
Endrin ketone [2C]	BRL		µg/l	0.0400						
Endrin aldehyde	BRL		µg/l	0.0400						
Endrin aldehyde [2C]	BRL		µg/l	0.0400						
alpha-Chlordane	BRL		µg/l	0.0200						
alpha-Chlordane [2C]	BRL		µg/l	0.0200						
gamma-Chlordane	BRL		µg/l	0.0200						
gamma-Chlordane [2C]	BRL		µg/l	0.0200						
Toxaphene	BRL		µg/l	0.5000						
Toxaphene [2C]	BRL		µg/l	0.5000						
Chlordane	BRL		µg/l	0.5000						
Chlordane [2C]	BRL		µg/l	0.0650						
Alachlor	BRL		µg/l	0.0200						
Alachlor [2C]	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0148*		µg/l		*0.0200*		*74*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0137*		µg/l		*0.0200*		*68*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.00936*		µg/l		*0.0200*		*47*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.00851*		µg/l		*0.0200*		*43*	*30-150*		
LCS (9051518-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	0.0150		µg/l	0.0200	0.0200		75	40-140		
alpha-BHC [2C]	0.0136		µg/l	0.0200	0.0200		68	40-140		
beta-BHC	0.0160		µg/l	0.0200	0.0200		80	40-140		
beta-BHC [2C]	0.0166		µg/l	0.0200	0.0200		83	40-140		
delta-BHC	0.0149		µg/l	0.0200	0.0200		74	40-140		
delta-BHC [2C]	0.0142		µg/l	0.0200	0.0200		71	40-140		
gamma-BHC (Lindane)	0.0156		µg/l	0.0200	0.0200		78	50-120		
gamma-BHC (Lindane) [2C]	0.0139		µg/l	0.0200	0.0200		70	50-120		
Heptachlor	0.0151		µg/l	0.0200	0.0200		76	40-140		
Heptachlor [2C]	0.0139		µg/l	0.0200	0.0200		70	40-140		
Aldrin	0.0140		µg/l	0.0200	0.0200		70	40-140		
Aldrin [2C]	0.0129		µg/l	0.0200	0.0200		64	40-140		
Heptachlor epoxide	0.0156		µg/l	0.0200	0.0200		78	50-150		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
LCS (9051518-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Heptachlor epoxide [2C]	0.0145		µg/l	0.0200	0.0200		73	50-150		
Endosulfan I	0.0154		µg/l	0.0200	0.0200		77	40-140		
Endosulfan I [2C]	0.0152		µg/l	0.0200	0.0200		76	40-140		
Dieldrin	0.0154		µg/l	0.0200	0.0200		77	30-130		
Dieldrin [2C]	0.0151		µg/l	0.0200	0.0200		76	30-130		
4,4'-DDE (p,p')	0.0153		µg/l	0.0200	0.0200		77	50-150		
4,4'-DDE (p,p') [2C]	0.0142		µg/l	0.0200	0.0200		71	50-150		
Endrin	0.0149		µg/l	0.0200	0.0200		74	50-120		
Endrin [2C]	0.0155		µg/l	0.0200	0.0200		78	50-120		
Endosulfan II	0.0158		µg/l	0.0200	0.0200		79	40-140		
Endosulfan II [2C]	0.0162		µg/l	0.0200	0.0200		81	40-140		
4,4'-DDD (p,p')	0.0163		µg/l	0.0200	0.0200		82	40-140		
4,4'-DDD (p,p') [2C]	0.0157		µg/l	0.0200	0.0200		78	40-140		
Endosulfan sulfate	0.0154		µg/l	0.0200	0.0200		77	50-120		
Endosulfan sulfate [2C]	0.0168		µg/l	0.0200	0.0200		84	50-120		
4,4'-DDT (p,p')	0.0138		µg/l	0.0200	0.0200		69	40-140		
4,4'-DDT (p,p') [2C]	0.0150		µg/l	0.0200	0.0200		75	40-140		
Methoxychlor	0.0140		µg/l	0.0200	0.0200		70	40-140		
Methoxychlor [2C]	0.0174		µg/l	0.0200	0.0200		87	40-140		
Endrin ketone	0.0149		µg/l	0.0200	0.0200		74	40-140		
Endrin ketone [2C]	0.0167		µg/l	0.0200	0.0200		84	40-140		
Endrin aldehyde	0.0160		µg/l	0.0200	0.0200		80	40-140		
Endrin aldehyde [2C]	0.0163		µg/l	0.0200	0.0200		82	40-140		
alpha-Chlordane	0.0157		µg/l	0.0200	0.0200		79	40-140		
alpha-Chlordane [2C]	0.0148		µg/l	0.0200	0.0200		74	40-140		
gamma-Chlordane	0.0155		µg/l	0.0200	0.0200		77	30-130		
gamma-Chlordane [2C]	0.0146		µg/l	0.0200	0.0200		73	30-130		
Alachlor	0.0125		µg/l	0.0200	0.0200		62	40-140		
Alachlor [2C]	0.0145		µg/l	0.0200	0.0200		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0161*		µg/l		*0.0200*		*81*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0152*		µg/l		*0.0200*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0105*		µg/l		*0.0200*		*53*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0103*		µg/l		*0.0200*		*51*	*30-150*		
LCS Dup (9051518-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
alpha-BHC	0.0163		µg/l	0.0200	0.0200		81	40-140	8	20
alpha-BHC [2C]	0.0150		µg/l	0.0200	0.0200		75	40-140	9	20
beta-BHC	0.0168		µg/l	0.0200	0.0200		84	40-140	5	20
beta-BHC [2C]	0.0183		µg/l	0.0200	0.0200		91	40-140	10	20
delta-BHC	0.0158		µg/l	0.0200	0.0200		79	40-140	6	20
delta-BHC [2C]	0.0156		µg/l	0.0200	0.0200		78	40-140	9	20
gamma-BHC (Lindane)	0.0168		µg/l	0.0200	0.0200		84	50-120	8	20
gamma-BHC (Lindane) [2C]	0.0154		µg/l	0.0200	0.0200		77	50-120	10	20
Heptachlor	0.0164		µg/l	0.0200	0.0200		82	40-140	8	20
Heptachlor [2C]	0.0154		µg/l	0.0200	0.0200		77	40-140	10	20
Aldrin	0.0153		µg/l	0.0200	0.0200		76	40-140	8	20
Aldrin [2C]	0.0142		µg/l	0.0200	0.0200		71	40-140	10	20
Heptachlor epoxide	0.0169		µg/l	0.0200	0.0200		84	50-150	8	20
Heptachlor epoxide [2C]	0.0160		µg/l	0.0200	0.0200		80	50-150	10	20
Endosulfan I	0.0166		µg/l	0.0200	0.0200		83	40-140	8	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051518 - SW846 3510C										
LCS Dup (9051518-BSD1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Endosulfan I [2C]	0.0167		µg/l	0.0200	0.0200		84	40-140	9	20
Dieldrin	0.0162		µg/l	0.0200	0.0200		81	30-130	5	20
Dieldrin [2C]	0.0165		µg/l	0.0200	0.0200		82	30-130	9	20
4,4'-DDE (p,p')	0.0165		µg/l	0.0200	0.0200		82	50-150	7	20
4,4'-DDE (p,p') [2C]	0.0156		µg/l	0.0200	0.0200		78	50-150	9	20
Endrin	0.0161		µg/l	0.0200	0.0200		81	50-120	8	20
Endrin [2C]	0.0170		µg/l	0.0200	0.0200		85	50-120	9	20
Endosulfan II	0.0165		µg/l	0.0200	0.0200		83	40-140	4	20
Endosulfan II [2C]	0.0177		µg/l	0.0200	0.0200		89	40-140	9	20
4,4'-DDD (p,p')	0.0175		µg/l	0.0200	0.0200		88	40-140	7	20
4,4'-DDD (p,p') [2C]	0.0172		µg/l	0.0200	0.0200		86	40-140	9	20
Endosulfan sulfate	0.0160		µg/l	0.0200	0.0200		80	50-120	4	20
Endosulfan sulfate [2C]	0.0184		µg/l	0.0200	0.0200		92	50-120	9	20
4,4'-DDT (p,p')	0.0147		µg/l	0.0200	0.0200		73	40-140	6	20
4,4'-DDT (p,p') [2C]	0.0168		µg/l	0.0200	0.0200		84	40-140	11	20
Methoxychlor	0.0149		µg/l	0.0200	0.0200		75	40-140	6	20
Methoxychlor [2C]	0.0189		µg/l	0.0200	0.0200		95	40-140	8	20
Endrin ketone	0.0157		µg/l	0.0200	0.0200		79	40-140	5	20
Endrin ketone [2C]	0.0182		µg/l	0.0200	0.0200		91	40-140	8	20
Endrin aldehyde	0.0177		µg/l	0.0200	0.0200		88	40-140	10	20
Endrin aldehyde [2C]	0.0178		µg/l	0.0200	0.0200		89	40-140	9	20
alpha-Chlordane	0.0170		µg/l	0.0200	0.0200		85	40-140	8	20
alpha-Chlordane [2C]	0.0162		µg/l	0.0200	0.0200		81	40-140	9	20
gamma-Chlordane	0.0168		µg/l	0.0200	0.0200		84	30-130	8	20
gamma-Chlordane [2C]	0.0161		µg/l	0.0200	0.0200		81	30-130	10	20
Alachlor	0.0134		µg/l	0.0200	0.0200		67	40-140	7	20
Alachlor [2C]	0.0153		µg/l	0.0200	0.0200		77	40-140	5	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0174*		µg/l		*0.0200*		*87*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.0168*		µg/l		*0.0200*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0113*		µg/l		*0.0200*		*57*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0111*		µg/l		*0.0200*		*55*	*30-150*		
Batch 9051539 - SW846 3510C										
Blank (9051539-BLK1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	BRL		µg/l	0.100						
2,4,5-T [2C]	BRL		µg/l	0.100						
2,4,5-TP (Silvex)	BRL		µg/l	0.100						
2,4,5-TP (Silvex) [2C]	BRL		µg/l	0.100						
2,4-D	BRL		µg/l	0.100						
2,4-D [2C]	BRL		µg/l	0.100						
2,4-DB	BRL		µg/l	0.100						
2,4-DB [2C]	BRL		µg/l	0.100						
Dalapon	BRL		µg/l	0.100						
Dalapon [2C]	BRL		µg/l	0.100						
Dicamba	BRL		µg/l	0.100						
Dicamba [2C]	BRL		µg/l	0.100						
Dichlorprop	BRL		µg/l	0.100						
Dichlorprop [2C]	BRL		µg/l	0.100						
Dinoseb	BRL		µg/l	0.100						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051539 - SW846 3510C										
Blank (9051539-BLK1)										
Prepared & Analyzed: 21-May-09										
Dinoseb [2C]	BRL		µg/l	0.100						
MCPA	BRL		µg/l	1.50						
MCPA [2C]	BRL		µg/l	1.50						
MCPB	BRL		µg/l	1.50						
MCPB [2C]	BRL		µg/l	1.50						
MCPP	BRL		µg/l	1.50						
MCPP [2C]	BRL		µg/l	1.50						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.213*		µg/l		*0.200*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.206*		µg/l		*0.200*		*103*	*30-150*		
LCS (9051539-BS1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	0.346		µg/l	0.100	0.500		69	40-140		
2,4,5-T [2C]	0.324		µg/l	0.100	0.500		65	40-140		
2,4,5-TP (Silvex)	0.339		µg/l	0.100	0.500		68	40-140		
2,4,5-TP (Silvex) [2C]	0.328		µg/l	0.100	0.500		66	40-140		
2,4-D	0.329		µg/l	0.100	0.500		66	40-140		
2,4-D [2C]	0.297		µg/l	0.100	0.500		59	40-140		
2,4-DB	0.357		µg/l	0.100	0.500		71	40-140		
2,4-DB [2C]	0.312		µg/l	0.100	0.500		62	40-140		
Dalapon	0.292		µg/l	0.100	0.500		58	40-140		
Dalapon [2C]	0.322		µg/l	0.100	0.500		64	40-140		
Dicamba	0.327		µg/l	0.100	0.500		65	40-140		
Dicamba [2C]	0.360		µg/l	0.100	0.500		72	40-140		
Dichlorprop	0.383		µg/l	0.100	0.500		77	40-140		
Dichlorprop [2C]	0.364		µg/l	0.100	0.500		73	40-140		
Dinoseb	0.375		µg/l	0.100	0.500		75	40-140		
Dinoseb [2C]	0.357		µg/l	0.100	0.500		71	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.214*		µg/l		*0.200*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.206*		µg/l		*0.200*		*103*	*30-150*		
LCS (9051539-BS2)										
Prepared & Analyzed: 21-May-09										
MCPA	100		µg/l	1.50	150		67	40-140		
MCPA [2C]	119		µg/l	1.50	150		79	40-140		
MCPB	106		µg/l	1.50	150		71	40-140		
MCPB [2C]	116		µg/l	1.50	150		77	40-140		
MCPP	111		µg/l	1.50	150		74	40-140		
MCPP [2C]	105		µg/l	1.50	150		70	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.219*		µg/l		*0.200*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.203*		µg/l		*0.200*		*102*	*30-150*		
LCS Dup (9051539-BSD1)										
Prepared & Analyzed: 21-May-09										
2,4,5-T	0.353		µg/l	0.100	0.500		71	40-140	2	25
2,4,5-T [2C]	0.319		µg/l	0.100	0.500		64	40-140	2	25
2,4,5-TP (Silvex)	0.351		µg/l	0.100	0.500		70	40-140	3	25
2,4,5-TP (Silvex) [2C]	0.328		µg/l	0.100	0.500		66	40-140	0	25
2,4-D	0.335		µg/l	0.100	0.500		67	40-140	2	25
2,4-D [2C]	0.361		µg/l	0.100	0.500		72	40-140	19	25
2,4-DB	0.374		µg/l	0.100	0.500		75	40-140	5	25
2,4-DB [2C]	0.309		µg/l	0.100	0.500		62	40-140	1	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051539 - SW846 3510C										
LCS Dup (9051539-BSD1)										
Prepared & Analyzed: 21-May-09										
Dalapon	0.274		µg/l	0.100	0.500		55	40-140	6	25
Dalapon [2C]	0.325		µg/l	0.100	0.500		65	40-140	0.9	25
Dicamba	0.337		µg/l	0.100	0.500		67	40-140	3	25
Dicamba [2C]	0.339		µg/l	0.100	0.500		68	40-140	6	25
Dichlorprop	0.356		µg/l	0.100	0.500		71	40-140	7	25
Dichlorprop [2C]	0.379		µg/l	0.100	0.500		76	40-140	4	25
Dinoseb	0.384		µg/l	0.100	0.500		77	40-140	2	25
Dinoseb [2C]	0.359		µg/l	0.100	0.500		72	40-140	0.6	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.215*		µg/l		*0.200*		*108*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.201*		µg/l		*0.200*		*100*	*30-150*		
LCS Dup (9051539-BSD2)										
Prepared & Analyzed: 21-May-09										
MCPA	102		µg/l	1.50	150		68	40-140	2	25
MCPA [2C]	122		µg/l	1.50	150		81	40-140	2	25
MCPB	108		µg/l	1.50	150		72	40-140	2	25
MCPB [2C]	116		µg/l	1.50	150		77	40-140	0	25
MCPP	112		µg/l	1.50	150		75	40-140	0.9	25
MCPP [2C]	106		µg/l	1.50	150		71	40-140	0.9	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.218*		µg/l		*0.200*		*109*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.207*		µg/l		*0.200*		*104*	*30-150*		
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg wet	14.0						
alpha-BHC [2C]	BRL		µg/kg wet	14.0						
beta-BHC	BRL		µg/kg wet	14.0						
beta-BHC [2C]	BRL		µg/kg wet	14.0						
delta-BHC	BRL		µg/kg wet	14.0						
delta-BHC [2C]	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane)	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane) [2C]	BRL		µg/kg wet	14.0						
Heptachlor	BRL		µg/kg wet	14.0						
Heptachlor [2C]	BRL		µg/kg wet	14.0						
Aldrin	BRL		µg/kg wet	14.0						
Aldrin [2C]	BRL		µg/kg wet	14.0						
Heptachlor epoxide	BRL		µg/kg wet	14.0						
Heptachlor epoxide [2C]	BRL		µg/kg wet	14.0						
Endosulfan I	BRL		µg/kg wet	14.0						
Endosulfan I [2C]	BRL		µg/kg wet	14.0						
Dieldrin	BRL		µg/kg wet	14.0						
Dieldrin [2C]	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p') [2C]	BRL		µg/kg wet	14.0						
Endrin	BRL		µg/kg wet	14.0						
Endrin [2C]	BRL		µg/kg wet	14.0						
Endosulfan II	BRL		µg/kg wet	21.0						
Endosulfan II [2C]	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p') [2C]	BRL		µg/kg wet	21.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	BRL		µg/kg wet	21.0						
Endosulfan sulfate [2C]	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p') [2C]	BRL		µg/kg wet	21.0						
Methoxychlor	BRL		µg/kg wet	21.0						
Methoxychlor [2C]	BRL		µg/kg wet	21.0						
Endrin ketone	BRL		µg/kg wet	21.0						
Endrin ketone [2C]	BRL		µg/kg wet	21.0						
Endrin aldehyde	BRL		µg/kg wet	21.0						
Endrin aldehyde [2C]	BRL		µg/kg wet	21.0						
alpha-Chlordane	BRL		µg/kg wet	14.0						
alpha-Chlordane [2C]	BRL		µg/kg wet	14.0						
gamma-Chlordane	BRL		µg/kg wet	14.0						
gamma-Chlordane [2C]	BRL		µg/kg wet	14.0						
Toxaphene	BRL		µg/kg wet	280						
Toxaphene [2C]	BRL		µg/kg wet	280						
Chlordane	BRL		µg/kg wet	35.0						
Chlordane [2C]	BRL		µg/kg wet	35.0						
Alachlor	BRL		µg/kg wet	14.0						
Alachlor [2C]	BRL		µg/kg wet	14.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/kg wet		*20.0*		*47*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*BRL*		µg/kg wet		*20.0*		*30*	*30-150*		
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140		
alpha-BHC [2C]	16.6		µg/kg wet	14.0	20.0		83	40-140		
beta-BHC	17.4		µg/kg wet	14.0	20.0		87	40-140		
beta-BHC [2C]	20.0		µg/kg wet	14.0	20.0		100	40-140		
delta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140		
delta-BHC [2C]	16.9		µg/kg wet	14.0	20.0		85	40-140		
gamma-BHC (Lindane)	18.0		µg/kg wet	14.0	20.0		90	50-120		
gamma-BHC (Lindane) [2C]	16.7		µg/kg wet	14.0	20.0		84	50-120		
Heptachlor	17.6		µg/kg wet	14.0	20.0		88	40-140		
Heptachlor [2C]	17.0		µg/kg wet	14.0	20.0		85	40-140		
Aldrin	16.6		µg/kg wet	14.0	20.0		83	40-140		
Aldrin [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
Heptachlor epoxide	17.0		µg/kg wet	14.0	20.0		85	50-150		
Heptachlor epoxide [2C]	16.8		µg/kg wet	14.0	20.0		84	50-150		
Endosulfan I	14.1		µg/kg wet	14.0	20.0		70	40-140		
Endosulfan I [2C]	17.4		µg/kg wet	14.0	20.0		87	40-140		
Dieldrin	17.0		µg/kg wet	14.0	20.0		85	30-130		
Dieldrin [2C]	18.7		µg/kg wet	14.0	20.0		93	30-130		
4,4'-DDE (p,p')	16.7		µg/kg wet	14.0	20.0		83	50-150		
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150		
Endrin	16.1		µg/kg wet	14.0	20.0		81	50-120		
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		88	50-120		
Endosulfan II	16.7		µg/kg wet	14.0	20.0		83	40-140		
Endosulfan II [2C]	19.1		µg/kg wet	14.0	20.0		96	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
4,4'-DDD (p,p')	16.8		µg/kg wet	14.0	20.0		84	40-140		
4,4'-DDD (p,p') [2C]	17.6		µg/kg wet	14.0	20.0		88	40-140		
Endosulfan sulfate	16.4		µg/kg wet	14.0	20.0		82	50-120		
Endosulfan sulfate [2C]	18.7		µg/kg wet	14.0	20.0		93	50-120		
4,4'-DDT (p,p')	16.2		µg/kg wet	14.0	20.0		81	40-140		
4,4'-DDT (p,p') [2C]	16.1		µg/kg wet	14.0	20.0		81	40-140		
Methoxychlor	15.9		µg/kg wet	14.0	20.0		80	40-140		
Methoxychlor [2C]	19.7		µg/kg wet	14.0	20.0		98	40-140		
Endrin ketone	16.3		µg/kg wet	14.0	20.0		82	40-140		
Endrin ketone [2C]	19.0		µg/kg wet	14.0	20.0		95	40-140		
Endrin aldehyde	17.7		µg/kg wet	14.0	20.0		89	40-140		
Endrin aldehyde [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
alpha-Chlordane	17.1		µg/kg wet	14.0	20.0		85	40-140		
alpha-Chlordane [2C]	15.9		µg/kg wet	14.0	20.0		79	40-140		
gamma-Chlordane	16.8		µg/kg wet	14.0	20.0		84	30-130		
gamma-Chlordane [2C]	16.8		µg/kg wet	14.0	20.0		84	30-130		
Alachlor	14.9		µg/kg wet	14.0	20.0		74	40-140		
Alachlor [2C]	14.6		µg/kg wet	14.0	20.0		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.5*		µg/kg wet		*20.0*		*83*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.63*		µg/kg wet		*20.0*		*48*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*8.34*		µg/kg wet		*20.0*		*42*	*30-150*		
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140	0.4	30
alpha-BHC [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	4	30
beta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140	5	30
beta-BHC [2C]	20.1		µg/kg wet	14.0	20.0		100	40-140	0.2	30
delta-BHC	19.1		µg/kg wet	14.0	20.0		96	40-140	4	30
delta-BHC [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30
gamma-BHC (Lindane)	18.6		µg/kg wet	14.0	20.0		93	50-120	3	30
gamma-BHC (Lindane) [2C]	17.0		µg/kg wet	14.0	20.0		85	50-120	2	30
Heptachlor	18.0		µg/kg wet	14.0	20.0		90	40-140	2	30
Heptachlor [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	2	30
Aldrin	17.3		µg/kg wet	14.0	20.0		87	40-140	5	30
Aldrin [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	3	30
Heptachlor epoxide	18.2		µg/kg wet	14.0	20.0		91	50-150	7	30
Heptachlor epoxide [2C]	17.1		µg/kg wet	14.0	20.0		86	50-150	2	30
Endosulfan I	18.7		µg/kg wet	14.0	20.0		94	40-140	28	30
Endosulfan I [2C]	17.7		µg/kg wet	14.0	20.0		88	40-140	1	30
Dieldrin	17.7		µg/kg wet	14.0	20.0		88	30-130	4	30
Dieldrin [2C]	18.3		µg/kg wet	14.0	20.0		92	30-130	2	30
4,4'-DDE (p,p')	17.7		µg/kg wet	14.0	20.0		88	50-150	6	30
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150	0.006	30
Endrin	17.7		µg/kg wet	14.0	20.0		89	50-120	9	30
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		89	50-120	0.2	30
Endosulfan II	17.6		µg/kg wet	14.0	20.0		88	40-140	5	30
Endosulfan II [2C]	17.9		µg/kg wet	14.0	20.0		90	40-140	6	30
4,4'-DDD (p,p')	17.9		µg/kg wet	14.0	20.0		90	40-140	7	30
4,4'-DDD (p,p') [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	17.5		µg/kg wet	14.0	20.0		87	50-120	7	30
Endosulfan sulfate [2C]	18.3		µg/kg wet	14.0	20.0		92	50-120	2	30
4,4'-DDT (p,p')	17.7		µg/kg wet	14.0	20.0		88	40-140	9	30
4,4'-DDT (p,p') [2C]	17.1		µg/kg wet	14.0	20.0		86	40-140	6	30
Methoxychlor	16.8		µg/kg wet	14.0	20.0		84	40-140	5	30
Methoxychlor [2C]	19.2		µg/kg wet	14.0	20.0		96	40-140	2	30
Endrin ketone	17.3		µg/kg wet	14.0	20.0		86	40-140	5	30
Endrin ketone [2C]	18.1		µg/kg wet	14.0	20.0		91	40-140	5	30
Endrin aldehyde	19.4		µg/kg wet	14.0	20.0		97	40-140	9	30
Endrin aldehyde [2C]	15.6		µg/kg wet	14.0	20.0		78	40-140	1	30
alpha-Chlordane	18.1		µg/kg wet	14.0	20.0		91	40-140	6	30
alpha-Chlordane [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	9	30
gamma-Chlordane	18.2		µg/kg wet	14.0	20.0		91	30-130	8	30
gamma-Chlordane [2C]	16.9		µg/kg wet	14.0	20.0		84	30-130	0.5	30
Alachlor	17.1		µg/kg wet	14.0	20.0		85	40-140	14	30
Alachlor [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.3*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.9*		µg/kg wet		*20.0*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.7*		µg/kg wet		*20.0*		*53*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*7.98*		µg/kg wet		*20.0*		*40*	*30-150*		
Duplicate (9051599-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg dry	8.74		BRL				30
alpha-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
beta-BHC	BRL		µg/kg dry	8.74		BRL				30
beta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
delta-BHC	BRL		µg/kg dry	8.74		BRL				30
delta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane)	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane) [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor	BRL		µg/kg dry	8.74		BRL				30
Heptachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Aldrin	BRL		µg/kg dry	8.74		BRL				30
Aldrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor epoxide	BRL		µg/kg dry	8.74		BRL				30
Heptachlor epoxide [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I [2C]	BRL		µg/kg dry	8.74		BRL				30
Dieldrin	BRL		µg/kg dry	7.00		BRL				30
Dieldrin [2C]	BRL		µg/kg dry	7.00		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	8.74		BRL				30
4,4'-DDE (p,p') [2C]	BRL		µg/kg dry	8.74		BRL				30
Endrin	BRL		µg/kg dry	8.74		BRL				30
Endrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan II	BRL		µg/kg dry	13.1		BRL				30
Endosulfan II [2C]	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate [2C]	BRL		µg/kg dry	13.1		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Duplicate (9051599-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
4,4'-DDT (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDT (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde [2C]	BRL		µg/kg dry	13.1		BRL				30
alpha-Chlordane	BRL		µg/kg dry	8.74		BRL				30
alpha-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
Toxaphene	BRL		µg/kg dry	175		BRL				30
Toxaphene [2C]	BRL		µg/kg dry	175		BRL				30
Chlordane	BRL		µg/kg dry	21.9		BRL				30
Chlordane [2C]	BRL		µg/kg dry	21.9		BRL				30
Alachlor	BRL		µg/kg dry	8.74		BRL				30
Alachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.2*		µg/kg dry		*12.5*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.04*		µg/kg dry		*12.5*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.76*		µg/kg dry		*12.5*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.10*	J	µg/kg dry		*12.5*		*41*	*30-150*		
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
alpha-BHC [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
beta-BHC	11.3		µg/kg dry	8.83	12.6	BRL	90	30-150		
beta-BHC [2C]	13.6		µg/kg dry	8.83	12.6	BRL	107	30-150		
delta-BHC	13.3		µg/kg dry	8.83	12.6	BRL	105	30-150		
delta-BHC [2C]	10.2		µg/kg dry	8.83	12.6	BRL	81	30-150		
gamma-BHC (Lindane)	12.2		µg/kg dry	8.83	12.6	BRL	96	46-127		
gamma-BHC (Lindane) [2C]	9.98		µg/kg dry	8.83	12.6	BRL	79	46-127		
Heptachlor	11.5		µg/kg dry	8.83	12.6	BRL	91	35-130		
Heptachlor [2C]	10.3		µg/kg dry	8.83	12.6	BRL	81	35-130		
Aldrin	10.5		µg/kg dry	8.83	12.6	BRL	83	34-132		
Aldrin [2C]	9.43		µg/kg dry	8.83	12.6	BRL	75	34-132		
Heptachlor epoxide	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Heptachlor epoxide [2C]	10.1		µg/kg dry	8.83	12.6	BRL	80	30-150		
Endosulfan I	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Endosulfan I [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	30-150		
Dieldrin	10.6		µg/kg dry	8.83	12.6	BRL	84	31-134		
Dieldrin [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	31-134		
4,4'-DDE (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDE (p,p') [2C]	9.83		µg/kg dry	8.83	12.6	BRL	78	30-150		
Endrin	10.4		µg/kg dry	8.83	12.6	BRL	83	42-139		
Endrin [2C]	10.9		µg/kg dry	8.83	12.6	BRL	87	42-139		
Endosulfan II	10.4		µg/kg dry	8.83	12.6	BRL	82	30-150		
Endosulfan II [2C]	11.3		µg/kg dry	8.83	12.6	BRL	89	30-150		
4,4'-DDD (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDD (p,p') [2C]	10.6		µg/kg dry	8.83	12.6	BRL	84	30-150		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Endosulfan sulfate	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Endosulfan sulfate [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	30-150		
4,4'-DDT (p,p')	10.1		µg/kg dry	8.83	12.6	BRL	80	23-134		
4,4'-DDT (p,p') [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	23-134		
Methoxychlor	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
Methoxychlor [2C]	11.1		µg/kg dry	8.83	12.6	BRL	88	30-150		
Endrin ketone	9.44		µg/kg dry	8.83	12.6	BRL	75	30-150		
Endrin ketone [2C]	11.7		µg/kg dry	8.83	12.6	BRL	93	30-150		
Endrin aldehyde	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
Endrin aldehyde [2C]	9.74		µg/kg dry	8.83	12.6	BRL	77	30-150		
alpha-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
alpha-Chlordane [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
gamma-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
gamma-Chlordane [2C]	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
Alachlor	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
Alachlor [2C]	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.7*		µg/kg dry		*12.6*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.76*		µg/kg dry		*12.6*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*5.85*		µg/kg dry		*12.6*		*46*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.45*		µg/kg dry		*12.6*		*43*	*30-150*		
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	30
alpha-BHC [2C]	10.2		µg/kg dry	8.73	12.5	BRL	81	30-150	0.5	30
beta-BHC	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	6	30
beta-BHC [2C]	13.5		µg/kg dry	8.73	12.5	BRL	108	30-150	1	30
delta-BHC	12.4		µg/kg dry	8.73	12.5	BRL	99	30-150	6	30
delta-BHC [2C]	10.0		µg/kg dry	8.73	12.5	BRL	81	30-150	0.4	30
gamma-BHC (Lindane)	11.3		µg/kg dry	8.73	12.5	BRL	90	46-127	7	50
gamma-BHC (Lindane) [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	46-127	2	50
Heptachlor	10.7		µg/kg dry	8.73	12.5	BRL	86	35-130	6	31
Heptachlor [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	35-130	0.2	31
Aldrin	10.2		µg/kg dry	8.73	12.5	BRL	82	34-132	1	43
Aldrin [2C]	9.33		µg/kg dry	8.73	12.5	BRL	75	34-132	0.1	43
Heptachlor epoxide	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.7	30
Heptachlor epoxide [2C]	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	0.3	30
Endosulfan I	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	2	30
Endosulfan I [2C]	10.4		µg/kg dry	8.73	12.5	BRL	83	30-150	0.5	30
Dieldrin	10.3		µg/kg dry	8.73	12.5	BRL	83	31-134	2	38
Dieldrin [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	31-134	6	38
4,4'-DDE (p,p')	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	1	30
4,4'-DDE (p,p') [2C]	9.66		µg/kg dry	8.73	12.5	BRL	77	30-150	0.6	30
Endrin	10.3		µg/kg dry	8.73	12.5	BRL	83	42-139	0.2	45
Endrin [2C]	10.9		µg/kg dry	8.73	12.5	BRL	87	42-139	0.7	45
Endosulfan II	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	0.6	30
Endosulfan II [2C]	11.1		µg/kg dry	8.73	12.5	BRL	89	30-150	0.03	30
4,4'-DDD (p,p')	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	3	30
4,4'-DDD (p,p') [2C]	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	0.3	30
Endosulfan sulfate	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	1	30
Endosulfan sulfate [2C]	11.3		µg/kg dry	8.73	12.5	BRL	91	30-150	0.9	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
4,4'-DDT (p,p')	10.2		µg/kg dry	8.73	12.5	BRL	82	23-134	2	50
4,4'-DDT (p,p') [2C]	11.0		µg/kg dry	8.73	12.5	BRL	88	23-134	6	50
Methoxychlor	9.44		µg/kg dry	8.73	12.5	BRL	76	30-150	7	30
Methoxychlor [2C]	11.6		µg/kg dry	8.73	12.5	BRL	93	30-150	6	30
Endrin ketone	9.53		µg/kg dry	8.73	12.5	BRL	76	30-150	2	30
Endrin ketone [2C]	12.1		µg/kg dry	8.73	12.5	BRL	97	30-150	4	30
Endrin aldehyde	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	0.6	30
Endrin aldehyde [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	6	30
alpha-Chlordane	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.2	30
alpha-Chlordane [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	0.3	30
gamma-Chlordane	11.0		µg/kg dry	8.73	12.5	BRL	88	30-150	3	30
gamma-Chlordane [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	1	30
Alachlor	15.6		µg/kg dry	8.73	12.5	BRL	125	30-150	37	50
Alachlor [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.4*		µg/kg dry		*12.5*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.62*		µg/kg dry		*12.5*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.45*		µg/kg dry		*12.5*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.04*		µg/kg dry		*12.5*		*40*	*30-150*		
Batch 9051621 - SW846 3550B										
Blank (9051621-BLK1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: Decachlorobiphenyl (Sr)	*19.7*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*19.7*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.8*		µg/kg wet		*20.0*		*89*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.2*		µg/kg wet		*20.0*		*86*	*30-150*		
LCS (9051621-BS1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	227		µg/kg wet	20.0	250		91	50-140		
Aroclor-1016 [2C]	247		µg/kg wet	20.0	250		99	50-140		
Aroclor-1260	234		µg/kg wet	20.0	250		93	50-140		
Aroclor-1260 [2C]	249		µg/kg wet	20.0	250		100	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*20.4*		µg/kg wet		*20.0*		*102*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051621 - SW846 3550B										
LCS (9051621-BS1)										
Prepared & Analyzed: 22-May-09										
Surrogate: Decachlorobiphenyl (Sr) [2C]	*20.1*		µg/kg wet		*20.0*		*101*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*20.0*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.2*		µg/kg wet		*20.0*		*86*	*30-150*		
LCS Dup (9051621-BSD1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	209		µg/kg wet	20.0	250		83	50-140	9	30
Aroclor-1016 [2C]	235		µg/kg wet	20.0	250		94	50-140	5	30
Aroclor-1260	223		µg/kg wet	20.0	250		89	50-140	5	30
Aroclor-1260 [2C]	224		µg/kg wet	20.0	250		90	50-140	11	30
Surrogate: Decachlorobiphenyl (Sr)	*18.7*		µg/kg wet		*20.0*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*18.0*		µg/kg wet		*20.0*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.4*		µg/kg wet		*20.0*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Duplicate (9051621-DUP1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1016 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1221	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1221 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1232	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1232 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1242	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1242 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1248	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1248 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1254	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1254 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1260	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1260 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1262	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1262 [2C]	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1268	BRL		µg/kg dry	23.3		BRL				40
Aroclor-1268 [2C]	BRL		µg/kg dry	23.3		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*24.7*		µg/kg dry		*23.3*		*106*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.7*		µg/kg dry		*23.3*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg dry		*23.3*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.6*		µg/kg dry		*23.3*		*97*	*30-150*		
Matrix Spike (9051621-MS1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	252		µg/kg dry	23.7	295	BRL	85	40-135		
Aroclor-1016 [2C]	284		µg/kg dry	23.7	295	BRL	96	40-135		
Aroclor-1260	269		µg/kg dry	23.7	295	BRL	91	40-135		
Aroclor-1260 [2C]	278		µg/kg dry	23.7	295	BRL	94	40-135		
Surrogate: Decachlorobiphenyl (Sr)	*22.7*		µg/kg dry		*23.6*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*22.8*		µg/kg dry		*23.6*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.0*		µg/kg dry		*23.6*		*76*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*21.5*		µg/kg dry		*23.6*		*91*	*30-150*		
Matrix Spike Dup (9051621-MSD1) **Source: SA95070-14**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	282		µg/kg dry	24.6	307	BRL	92	40-135	8	15

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051621 - SW846 3550B										
Matrix Spike Dup (9051621-MSD1)	**Source: SA95070-14**									
Prepared & Analyzed: 22-May-09										
Aroclor-1016 [2C]	297		µg/kg dry	24.6	307	BRL	97	40-135	0.6	15
Aroclor-1260	297		µg/kg dry	24.6	307	BRL	97	40-135	6	20
Aroclor-1260 [2C]	293		µg/kg dry	24.6	307	BRL	95	40-135	1	20
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg dry		*24.5*		*110*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.7*		µg/kg dry		*24.5*		*97*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.4*		µg/kg dry		*24.5*		*95*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*22.7*		µg/kg dry		*24.5*		*93*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051512 - SW846 3510C										
Blank (9051512-BLK1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0279*		mg/l		*0.0500*		*56*	*50-150*		
LCS (9051512-BS1)										
Prepared: 21-May-09 Analyzed: 22-May-09										
C9-C36 Aliphatic Hydrocarbons	1.3		mg/l	0.05	1.40		96	60-120		
Surrogate: 1-Chlorooctadecane	*0.0317*		mg/l		*0.0500*		*63*	*50-150*		
Duplicate (9051512-DUP1) **Source: SA95070-24**										
Prepared: 21-May-09 Analyzed: 22-May-09										
Gasoline	BRL		mg/l	0.1		BRL				50
Fuel Oil #2	BRL		mg/l	0.1		BRL				50
Fuel Oil #4	BRL		mg/l	0.1		BRL				50
Fuel Oil #6	BRL		mg/l	0.1		BRL				50
Motor Oil	BRL		mg/l	0.1		BRL				50
Aviation Fuel	BRL		mg/l	0.1		BRL				50
Unidentified	BRL		mg/l	0.1		BRL				50
Other Oil	BRL		mg/l	0.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/l	0.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1		BRL				50
Surrogate: 1-Chlorooctadecane	*0.0362*		mg/l		*0.0543*		*67*	*50-150*		
Batch 9051797 - SW846 3545A										
Blank (9051797-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.78*		mg/kg wet		*3.33*		*83*	*50-150*		
LCS (9051797-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
C9-C36 Aliphatic Hydrocarbons	95.7		mg/kg wet	13.3	93.3		102	60-120		
Surrogate: 1-Chlorooctadecane	*2.71*		mg/kg wet		*3.33*		*81*	*50-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051797 - SW846 3545A										
Duplicate (9051797-DUP1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
Gasoline	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	16.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	16.9		BRL				50
Motor Oil	BRL		mg/kg dry	16.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	16.9		BRL				50
Unidentified	BRL		mg/kg dry	16.9		BRL				50
Other Oil	BRL		mg/kg dry	16.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.9		BRL				50
Surrogate: 1-Chlorooctadecane	*2.01*		mg/kg dry		*2.12*		*95*	*50-150*		
Matrix Spike (9051797-MS1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
C9-C36 Aliphatic Hydrocarbons	110		mg/kg dry	16.9	118	BRL	93	50-150		
Surrogate: 1-Chlorooctadecane	*3.49*		mg/kg dry		*4.23*		*83*	*50-150*		
Matrix Spike Dup (9051797-MSD1) **Source: SA95070-02**										
Prepared: 26-May-09 Analyzed: 28-May-09										
C9-C36 Aliphatic Hydrocarbons	105		mg/kg dry	17.1	120	BRL	88	50-150	6	30
Surrogate: 1-Chlorooctadecane	*3.32*		mg/kg dry		*4.27*		*78*	*50-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Blank (9051808-BLK1)										
Prepared: 27-May-09 Analyzed: 29-May-09										
Vanadium	BRL		mg/kg wet	1.47						
Thallium	BRL		mg/kg wet	2.95						
Zinc	BRL		mg/kg wet	0.982						
Selenium	BRL		mg/kg wet	1.47						
Antimony	BRL		mg/kg wet	4.91						
Nickel	BRL		mg/kg wet	0.982						
Lead	BRL		mg/kg wet	1.47						
Chromium	BRL		mg/kg wet	0.982						
Silver	BRL		mg/kg wet	1.47						
Cadmium	BRL		mg/kg wet	0.491						
Beryllium	BRL		mg/kg wet	0.491						
Arsenic	BRL		mg/kg wet	1.47						
Copper	BRL		mg/kg wet	0.982						
Barium	BRL		mg/kg wet	0.982						
Duplicate (9051808-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Vanadium	50.4	QR6	mg/kg dry	1.52		34.7			37	20
Thallium	BRL		mg/kg dry	3.04		BRL				20
Selenium	2.54		mg/kg dry	1.52		2.49			2	20
Antimony	2.25	J	mg/kg dry	5.07		2.18			3	20
Nickel	14.5		mg/kg dry	1.01		14.5			0.3	20
Lead	130		mg/kg dry	1.52		129			0.9	20
Zinc	92.0		mg/kg dry	1.01		95.2			3	20
Arsenic	7.43		mg/kg dry	1.52		7.10			5	20
Cadmium	0.502	J	mg/kg dry	0.507		0.567			12	20
Beryllium	0.309	J,QR8	mg/kg dry	0.507		0.251			21	20
Silver	BRL		mg/kg dry	1.52		BRL				20
Chromium	16.1		mg/kg dry	1.01		13.9			14	20
Copper	131		mg/kg dry	1.01		138			5	20
Barium	37.8		mg/kg dry	1.01		34.6			9	20
Matrix Spike (9051808-MS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Antimony	85.9	QM8	mg/kg dry	5.39	135	1.29	63	75-125		
Vanadium	151		mg/kg dry	1.62	135	33.9	87	75-125		
Lead	261		mg/kg dry	1.62	135	106	115	75-125		
Selenium	131		mg/kg dry	1.62	135	2.36	96	75-125		
Nickel	150		mg/kg dry	1.08	135	20.8	96	75-125		
Thallium	126		mg/kg dry	3.23	135	BRL	93	75-125		
Zinc	233		mg/kg dry	1.08	135	89.0	107	75-125		
Chromium	137		mg/kg dry	1.08	135	16.7	89	75-125		
Cadmium	124		mg/kg dry	0.539	135	0.890	91	75-125		
Copper	257		mg/kg dry	1.08	135	115	106	75-125		
Beryllium	124		mg/kg dry	0.539	135	0.388	92	75-125		
Silver	128		mg/kg dry	1.62	135	BRL	95	75-125		
Arsenic	148		mg/kg dry	1.62	135	22.2	93	75-125		
Barium	200		mg/kg dry	1.08	135	64.4	101	75-125		
Matrix Spike Dup (9051808-MSD1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 29-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Matrix Spike Dup (9051808-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 29-May-09										
Antimony	94.4	QM8	mg/kg dry	5.71	143	1.29	65	75-125	9	20
Zinc	241		mg/kg dry	1.14	143	89.0	106	75-125	3	20
Thallium	134		mg/kg dry	3.42	143	BRL	94	75-125	7	20
Nickel	160		mg/kg dry	1.14	143	20.8	98	75-125	7	20
Lead	255		mg/kg dry	1.71	143	106	105	75-125	2	20
Vanadium	165		mg/kg dry	1.71	143	33.9	92	75-125	9	20
Selenium	139		mg/kg dry	1.71	143	2.36	96	75-125	6	20
Arsenic	154		mg/kg dry	1.71	143	22.2	93	75-125	4	20
Silver	136		mg/kg dry	1.71	143	BRL	95	75-125	6	20
Beryllium	129		mg/kg dry	0.571	143	0.388	90	75-125	4	20
Chromium	147		mg/kg dry	1.14	143	16.7	91	75-125	7	20
Copper	261		mg/kg dry	1.14	143	115	102	75-125	1	20
Cadmium	133		mg/kg dry	0.571	143	0.890	93	75-125	7	20
Barium	208		mg/kg dry	1.14	143	64.4	101	75-125	4	20
Post Spike (9051808-PS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 29-May-09										
Thallium	254		mg/kg dry	3.12	260	BRL	98	80-120		
Selenium	255		mg/kg dry	1.56	260	2.36	97	80-120		
Antimony	246		mg/kg dry	5.20	260	1.29	94	80-120		
Vanadium	267		mg/kg dry	1.56	260	33.9	90	80-120		
Lead	373		mg/kg dry	1.56	260	106	102	80-120		
Nickel	280		mg/kg dry	1.04	260	20.8	100	80-120		
Zinc	338		mg/kg dry	1.04	260	89.0	96	80-120		
Chromium	258		mg/kg dry	1.04	260	16.7	93	80-120		
Silver	236		mg/kg dry	1.56	260	BRL	91	80-120		
Arsenic	271		mg/kg dry	1.56	260	22.2	96	80-120		
Copper	401		mg/kg dry	1.04	260	115	110	80-120		
Cadmium	245		mg/kg dry	0.520	260	0.890	94	80-120		
Beryllium	244		mg/kg dry	0.520	260	0.388	93	80-120		
Barium	310		mg/kg dry	1.04	260	64.4	94	80-120		
Reference (9051808-SRM1)										
Prepared: 27-May-09 Analyzed: 30-May-09										
Thallium	87.8		mg/kg wet	3.00	87.1		101	68.8-131.2		
Antimony	27.4		mg/kg wet	5.00	63.4		43	21.03-251.6		
Vanadium	47.7		mg/kg wet	1.50	47.3		101	64.5-135.3		
Lead	134		mg/kg wet	1.50	112		119	75.3-125.1		
Zinc	182		mg/kg wet	1.00	176		103	72.2-127.8		
Nickel	82.8		mg/kg wet	1.00	86.6		96	73.8-126.7		
Selenium	77.8		mg/kg wet	1.50	74.0		105	67.1-132.7		
Chromium	59.8		mg/kg wet	1.00	62.4		96	69.9-129.8		
Copper	37.8		mg/kg wet	1.00	33.6		112	73.2-126.8		
Beryllium	79.4		mg/kg wet	0.500	81.6		97	75.3-124.7		
Arsenic	116		mg/kg wet	1.50	113		102	71.1-128.9		
Silver	17.7		mg/kg wet	1.50	17.7		100	65.6-134.4		
Cadmium	32.3		mg/kg wet	0.500	34.8		93	73.2-126.8		
Barium	292		mg/kg wet	1.00	284		103	74.7-125.5		
Reference (9051808-SRM2)										
Prepared: 27-May-09 Analyzed: 30-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051808 - SW846 3050B										
Reference (9051808-SRM2)										
Prepared: 27-May-09 Analyzed: 30-May-09										
Zinc	185		mg/kg wet	1.00	179		103	72.2-127.8		
Vanadium	46.4		mg/kg wet	1.50	48.2		96	64.5-135.3		
Selenium	77.6		mg/kg wet	1.50	75.4		103	67.1-132.7		
Nickel	87.1		mg/kg wet	1.00	88.3		99	73.8-126.7		
Antimony	27.3		mg/kg wet	5.00	64.7		42	21.03-251.6		
Lead	111		mg/kg wet	1.50	114		97	75.3-125.1		
Thallium	87.8		mg/kg wet	3.00	88.8		99	68.8-131.2		
Chromium	59.4		mg/kg wet	1.00	63.6		93	69.9-129.8		
Silver	17.6		mg/kg wet	1.50	18.1		98	65.6-134.4		
Arsenic	111		mg/kg wet	1.50	115		96	71.1-128.9		
Copper	34.9		mg/kg wet	1.00	34.2		102	73.2-126.8		
Cadmium	33.6		mg/kg wet	0.500	35.5		95	73.2-126.8		
Beryllium	78.4		mg/kg wet	0.500	83.1		94	75.3-124.7		
Barium	283		mg/kg wet	1.00	290		98	74.7-125.5		
Batch 9051809 - EPA200/SW7000 Series										
Blank (9051809-BLK1)										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/kg wet	0.0277						
Duplicate (9051809-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.0855		mg/kg dry	0.0296		0.0938			9	20
Matrix Spike (9051809-MS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.709	QM8	mg/kg dry	0.0322	0.447	0.472	53	75-125		
Matrix Spike Dup (9051809-MSD1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.974	QR7	mg/kg dry	0.0326	0.452	0.472	111	75-125	31	20
Post Spike (9051809-PS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	0.951		mg/kg dry	0.0335	0.465	0.472	103	80-120		
Reference (9051809-SRM1)										
Prepared: 27-May-09 Analyzed: 01-Jun-09										
Mercury	1.30		mg/kg wet	0.0300	1.35		96	71.7-128.3		
Batch 9051811 - SW846 3005A										
Blank (9051811-BLK1)										
Prepared & Analyzed: 29-May-09										
Nickel	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0050						
Thallium	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Vanadium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						

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 9051811 - SW846 3005A										
Blank (9051811-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Arsenic	BRL		mg/l	0.0040						
Beryllium	BRL		mg/l	0.0020						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
LCS (9051811-BS1)										
Prepared & Analyzed: 29-May-09										
Nickel	1.24		mg/l	0.0050	1.25		99	85-115		
Lead	1.28		mg/l	0.0075	1.25		102	85-115		
Zinc	1.32		mg/l	0.0050	1.25		106	85-115		
Antimony	1.41		mg/l	0.0060	1.25		113	85-115		
Selenium	1.45	QC1	mg/l	0.0150	1.25		116	85-115		
Thallium	1.24		mg/l	0.0050	1.25		100	85-115		
Arsenic	1.41		mg/l	0.0040	1.25		113	85-115		
Silver	1.26		mg/l	0.0050	1.25		101	85-115		
Beryllium	1.34		mg/l	0.0020	1.25		107	85-115		
Copper	1.34		mg/l	0.0050	1.25		107	85-115		
Chromium	1.38		mg/l	0.0050	1.25		110	85-115		
Barium	1.29		mg/l	0.0050	1.25		103	85-115		
Vanadium	1.33		mg/l	0.0050	1.25		107	85-115		
Cadmium	1.31		mg/l	0.0025	1.25		105	85-115		
LCS Dup (9051811-BSD1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Antimony	1.40		mg/l	0.0060	1.25		112	85-115	0.9	20
Selenium	1.44		mg/l	0.0150	1.25		115	85-115	0.5	20
Thallium	1.23		mg/l	0.0050	1.25		98	85-115	2	20
Nickel	1.22		mg/l	0.0050	1.25		98	85-115	1	20
Lead	1.26		mg/l	0.0075	1.25		101	85-115	1	20
Zinc	1.30		mg/l	0.0050	1.25		104	85-115	2	20
Arsenic	1.40		mg/l	0.0040	1.25		112	85-115	0.9	20
Barium	1.29		mg/l	0.0050	1.25		103	85-115	0.3	20
Beryllium	1.33		mg/l	0.0020	1.25		106	85-115	0.3	20
Chromium	1.37		mg/l	0.0050	1.25		110	85-115	0.3	20
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115	0.8	20
Vanadium	1.32		mg/l	0.0050	1.25		106	85-115	0.9	20
Silver	1.25		mg/l	0.0050	1.25		100	85-115	1	20
Copper	1.32		mg/l	0.0050	1.25		105	85-115	2	20
Duplicate (9051811-DUP1)	**Source: SA95070-20**									
Prepared & Analyzed: 29-May-09										
Zinc	0.249		mg/l	0.0050		0.247			0.9	20
Nickel	0.0432		mg/l	0.0050		0.0432			0	20
Selenium	BRL		mg/l	0.0150		BRL				20
Antimony	0.0053	J	mg/l	0.0060		0.0048			11	20
Thallium	0.0079		mg/l	0.0050		0.0090			13	20
Lead	0.0256		mg/l	0.0075		0.0270			6	20
Beryllium	0.0020	QR8	mg/l	0.0020		0.0016			25	20
Vanadium	0.0604		mg/l	0.0050		0.0588			3	20
Arsenic	0.0097		mg/l	0.0040		0.0089			9	20
Barium	0.214		mg/l	0.0050		0.209			2	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051811 - SW846 3005A										
Duplicate (9051811-DUP1)	**Source: SA95070-20**									
Prepared & Analyzed: 29-May-09										
Copper	0.0856		mg/l	0.0050		0.0860			0.5	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	0.0356		mg/l	0.0050		0.0351			1	20
Silver	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9051811-MS1)	**Source: SA95070-21**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Selenium	1.44		mg/l	0.0150	1.25	BRL	115	75-125		
Nickel	1.22		mg/l	0.0050	1.25	0.0034	97	75-125		
Antimony	1.39		mg/l	0.0060	1.25	BRL	111	75-125		
Zinc	1.35		mg/l	0.0050	1.25	0.0264	106	75-125		
Lead	1.27		mg/l	0.0075	1.25	BRL	101	75-125		
Thallium	1.26		mg/l	0.0050	1.25	0.0086	100	75-125		
Barium	1.34		mg/l	0.0050	1.25	0.0485	104	75-125		
Arsenic	1.41		mg/l	0.0040	1.25	0.0027	113	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Chromium	1.34		mg/l	0.0050	1.25	0.0046	107	75-125		
Beryllium	1.33		mg/l	0.0020	1.25	BRL	106	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	BRL	100	75-125		
Copper	1.41		mg/l	0.0050	1.25	0.0019	113	75-125		
Vanadium	1.32		mg/l	0.0050	1.25	BRL	105	70-130		
Matrix Spike Dup (9051811-MSD1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Nickel	1.23		mg/l	0.0050	1.25	0.0034	98	75-125	1	20
Selenium	1.44		mg/l	0.0150	1.25	BRL	115	75-125	0.4	20
Zinc	1.35		mg/l	0.0050	1.25	0.0264	106	75-125	0.07	20
Thallium	1.27		mg/l	0.0050	1.25	0.0086	101	75-125	0.7	20
Antimony	1.40		mg/l	0.0060	1.25	BRL	112	75-125	0.6	20
Lead	1.28		mg/l	0.0075	1.25	BRL	102	75-125	1	20
Cadmium	1.28		mg/l	0.0025	1.25	BRL	102	75-125	2	20
Copper	1.41		mg/l	0.0050	1.25	0.0019	113	75-125	0.2	20
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125	1	20
Chromium	1.36		mg/l	0.0050	1.25	0.0046	109	75-125	1	20
Beryllium	1.34		mg/l	0.0020	1.25	BRL	107	75-125	0.9	20
Arsenic	1.41		mg/l	0.0040	1.25	0.0027	113	75-125	0.4	20
Barium	1.35		mg/l	0.0050	1.25	0.0485	104	75-125	0.3	20
Vanadium	1.33		mg/l	0.0050	1.25	BRL	106	70-130	1	20
Post Spike (9051811-PS1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Lead	1.23		mg/l	0.0075	1.25	BRL	98	80-120		
Thallium	1.22		mg/l	0.0050	1.25	0.0086	97	80-120		
Antimony	1.38		mg/l	0.0060	1.25	BRL	110	80-120		
Zinc	1.29		mg/l	0.0050	1.25	0.0264	101	80-120		
Selenium	1.42		mg/l	0.0150	1.25	BRL	114	80-120		
Nickel	1.18		mg/l	0.0050	1.25	0.0034	94	80-120		
Cadmium	1.23		mg/l	0.0025	1.25	BRL	99	80-120		
Copper	1.34		mg/l	0.0050	1.25	0.0019	107	80-120		
Vanadium	1.27		mg/l	0.0050	1.25	BRL	102	80-120		
Silver	1.24		mg/l	0.0050	1.25	BRL	99	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051811 - SW846 3005A										
Post Spike (9051811-PS1)	**Source: SA95070-21**									
Prepared & Analyzed: 29-May-09										
Barium	1.29		mg/l	0.0050	1.25	0.0485	99	80-120		
Arsenic	1.39		mg/l	0.0040	1.25	0.0027	111	80-120		
Beryllium	1.28		mg/l	0.0020	1.25	BRL	103	80-120		
Chromium	1.31		mg/l	0.0050	1.25	0.0046	105	80-120		
Batch 9060767 - SW846 3050B										
Blank (9060767-BLK1)										
Prepared & Analyzed: 10-Jun-09										
Lead	BRL		mg/kg wet	1.31						
Duplicate (9060767-DUP1)	**Source: SA96011-01**									
Prepared & Analyzed: 10-Jun-09										
Lead	7.37		mg/kg dry	1.51		6.67			10	20
Matrix Spike (9060767-MS1)	**Source: SA96011-01**									
Prepared & Analyzed: 10-Jun-09										
Lead	124		mg/kg dry	1.55	129	6.67	91	75-125		
Matrix Spike Dup (9060767-MSD1)	**Source: SA96011-01**									
Prepared & Analyzed: 10-Jun-09										
Lead	89.4	QM8, QR7	mg/kg dry	1.36	113	6.67	73	75-125	32	20
Post Spike (9060767-PS1)	**Source: SA96011-01**									
Prepared & Analyzed: 10-Jun-09										
Lead	119		mg/kg dry	1.38	115	6.67	98	80-120		
Reference (9060767-SRM1)										
Prepared & Analyzed: 10-Jun-09										
Lead	113		mg/kg wet	1.50	115		98	75.3-125.1		
Reference (9060767-SRM2)										
Prepared & Analyzed: 10-Jun-09										
Lead	112		mg/kg wet	1.50	112		100	75.3-125.1		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051812 - EPA200/SW7000 Series										
Blank (9051812-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051812-BS1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00502		mg/l	0.00020	0.00500		100	85-115		
Duplicate (9051812-DUP1) **Source: SA95070-22**										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051812-MS1) **Source: SA95070-23**										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00563		mg/l	0.00020	0.00500	0.00036	105	75-125		
Matrix Spike Dup (9051812-MSD1) **Source: SA95070-23**										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00621		mg/l	0.00020	0.00500	0.00036	117	75-125	10	20
Post Spike (9051812-PS1) **Source: SA95070-23**										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00533		mg/l	0.00020	0.00500	0.00036	99	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051780 - SW846 3005A										
Blank (9051780-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
LCS (9051780-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.36		mg/l	0.0150	1.25		109	85-115		
Lead	1.35		mg/l	0.0075	1.25		108	85-115		
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115		
Silver	1.30		mg/l	0.0050	1.25		104	85-115		
Chromium	1.30		mg/l	0.0050	1.25		104	85-115		
Barium	1.38		mg/l	0.0050	1.25		110	85-115		
Arsenic	1.31		mg/l	0.0040	1.25		105	85-115		
LCS Dup (9051780-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.21		mg/l	0.0150	1.25		97	85-115	11	20
Lead	1.21		mg/l	0.0075	1.25		97	85-115	11	20
Barium	1.22		mg/l	0.0050	1.25		98	85-115	12	20
Silver	1.17		mg/l	0.0050	1.25		93	85-115	11	20
Arsenic	1.18		mg/l	0.0040	1.25		94	85-115	11	20
Cadmium	1.19		mg/l	0.0025	1.25		95	85-115	11	20
Chromium	1.16		mg/l	0.0050	1.25		92	85-115	12	20
Duplicate (9051780-DUP1) **Source: SA95033-01**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0012	J	mg/l	0.0025		0.0013			8	20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.819		mg/l	0.0050		0.812			0.9	20
Arsenic	BRL		mg/l	0.0040		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9051780-MS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.25		mg/l	0.0150	1.25	BRL	100	75-125		
Lead	1.18		mg/l	0.0075	1.25	BRL	94	75-125		
Barium	1.28		mg/l	0.0050	1.25	0.0776	96	75-125		
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	75-125		
Cadmium	1.18		mg/l	0.0025	1.25	0.0012	94	75-125		
Silver	1.17		mg/l	0.0050	1.25	BRL	94	75-125		
Arsenic	1.23		mg/l	0.0040	1.25	BRL	98	75-125		
Matrix Spike Dup (9051780-MSD1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	75-125	0.8	20
Lead	1.15		mg/l	0.0075	1.25	BRL	92	75-125	2	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051780 - SW846 3005A										
Matrix Spike Dup (9051780-MSD1)	**Source: SA95070-20**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Arsenic	1.21		mg/l	0.0040	1.25	BRL	96	75-125	2	20
Silver	1.16		mg/l	0.0050	1.25	BRL	93	75-125	1	20
Barium	1.29		mg/l	0.0050	1.25	0.0776	97	75-125	0.7	20
Chromium	1.11		mg/l	0.0050	1.25	BRL	89	75-125	2	20
Cadmium	1.14		mg/l	0.0025	1.25	0.0012	91	75-125	3	20
Post Spike (9051780-PS1)	**Source: SA95070-20**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	80-120		
Lead	1.17		mg/l	0.0075	1.25	BRL	94	80-120		
Arsenic	1.23		mg/l	0.0040	1.25	BRL	98	80-120		
Cadmium	1.16		mg/l	0.0025	1.25	0.0012	93	80-120		
Silver	1.17		mg/l	0.0050	1.25	BRL	93	80-120		
Barium	1.28		mg/l	0.0050	1.25	0.0776	96	80-120		
Chromium	1.12		mg/l	0.0050	1.25	BRL	89	80-120		
Batch 9052037 - SW846 3005A										
Blank (9052037-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Thallium	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Zinc	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Vanadium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
LCS (9052037-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	1.24		mg/l	0.0050	1.25		99	85-115		
Lead	1.25		mg/l	0.0075	1.25		100	85-115		
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Nickel	1.27		mg/l	0.0050	1.25		102	85-115		
Thallium	1.27		mg/l	0.0050	1.25		102	85-115		
Selenium	1.30		mg/l	0.0150	1.25		104	85-115		
Cadmium	1.25		mg/l	0.0025	1.25		100	85-115		
Copper	1.26		mg/l	0.0050	1.25		101	85-115		
Vanadium	1.25		mg/l	0.0050	1.25		100	85-115		
Chromium	1.23		mg/l	0.0050	1.25		98	85-115		
Beryllium	1.32		mg/l	0.0020	1.25		106	85-115		
Silver	1.24		mg/l	0.0050	1.25		99	85-115		
Arsenic	1.25		mg/l	0.0040	1.25		100	85-115		
Barium	1.32		mg/l	0.0050	1.25		105	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052037 - SW846 3005A										
LCS Dup (9052037-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.31		mg/l	0.0150	1.25		105	85-115	0.6	20
Zinc	1.25		mg/l	0.0050	1.25		100	85-115	0.7	20
Antimony	1.22		mg/l	0.0060	1.25		97	85-115	1	20
Lead	1.26		mg/l	0.0075	1.25		101	85-115	0.9	20
Nickel	1.28		mg/l	0.0050	1.25		103	85-115	0.6	20
Thallium	1.28		mg/l	0.0050	1.25		102	85-115	0.7	20
Barium	1.29		mg/l	0.0050	1.25		104	85-115	2	20
Cadmium	1.26		mg/l	0.0025	1.25		101	85-115	0.8	20
Beryllium	1.34		mg/l	0.0020	1.25		108	85-115	2	20
Vanadium	1.26		mg/l	0.0050	1.25		100	85-115	0.4	20
Chromium	1.24		mg/l	0.0050	1.25		99	85-115	0.9	20
Arsenic	1.26		mg/l	0.0040	1.25		101	85-115	0.6	20
Silver	1.25		mg/l	0.0050	1.25		100	85-115	0.9	20
Copper	1.28		mg/l	0.0050	1.25		102	85-115	1	20
Duplicate (9052037-DUP1) **Source: SA95070-21**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	BRL		mg/l	0.0075		BRL				20
Zinc	0.0194		mg/l	0.0050		0.0198			3	20
Thallium	BRL		mg/l	0.0050		BRL				20
Nickel	0.0022	J	mg/l	0.0050		0.0022			5	20
Antimony	BRL		mg/l	0.0060		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Copper	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0006	J	mg/l	0.0025		0.0006			12	20
Vanadium	BRL		mg/l	0.0050		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Barium	0.0472		mg/l	0.0050		0.0445			6	20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Matrix Spike (9052037-MS1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	1.12		mg/l	0.0075	1.25	BRL	90	75-125		
Thallium	1.20		mg/l	0.0050	1.25	BRL	96	75-125		
Nickel	1.15		mg/l	0.0050	1.25	0.0054	91	75-125		
Selenium	1.32		mg/l	0.0150	1.25	BRL	105	75-125		
Zinc	1.14		mg/l	0.0050	1.25	0.0176	90	75-125		
Antimony	1.21		mg/l	0.0060	1.25	BRL	97	75-125		
Barium	1.42		mg/l	0.0050	1.25	0.167	100	75-125		
Cadmium	1.14		mg/l	0.0025	1.25	0.0004	91	75-125		
Silver	1.28		mg/l	0.0050	1.25	BRL	102	75-125		
Chromium	1.16		mg/l	0.0050	1.25	BRL	93	75-125		
Beryllium	1.28		mg/l	0.0020	1.25	BRL	103	75-125		
Arsenic	1.28		mg/l	0.0040	1.25	0.0049	102	75-125		
Copper	1.27		mg/l	0.0050	1.25	BRL	101	75-125		
Vanadium	1.22		mg/l	0.0050	1.25	0.0020	97	70-130		
Matrix Spike Dup (9052037-MSD1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052037 - SW846 3005A										
Matrix Spike Dup (9052037-MSD1)	**Source: SA95070-23**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	1.12		mg/l	0.0075	1.25	BRL	90	75-125	0.2	20
Nickel	1.15		mg/l	0.0050	1.25	0.0054	91	75-125	0.09	20
Antimony	1.21		mg/l	0.0060	1.25	BRL	97	75-125	0	20
Selenium	1.32		mg/l	0.0150	1.25	BRL	106	75-125	0.6	20
Thallium	1.19		mg/l	0.0050	1.25	BRL	95	75-125	0.5	20
Zinc	1.13		mg/l	0.0050	1.25	0.0176	89	75-125	0.8	20
Beryllium	1.28		mg/l	0.0020	1.25	BRL	102	75-125	0.4	20
Cadmium	1.14		mg/l	0.0025	1.25	0.0004	91	75-125	0.5	20
Arsenic	1.28		mg/l	0.0040	1.25	0.0049	102	75-125	0.1	20
Copper	1.26		mg/l	0.0050	1.25	BRL	101	75-125	0.3	20
Vanadium	1.20		mg/l	0.0050	1.25	0.0020	96	70-130	1	20
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	75-125	2	20
Barium	1.41		mg/l	0.0050	1.25	0.167	99	75-125	0.9	20
Silver	1.26		mg/l	0.0050	1.25	BRL	100	75-125	2	20
Post Spike (9052037-PS1)	**Source: SA95070-23**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.32		mg/l	0.0150	1.25	BRL	105	80-120		
Nickel	1.14		mg/l	0.0050	1.25	0.0054	91	80-120		
Zinc	1.12		mg/l	0.0050	1.25	0.0176	88	80-120		
Antimony	1.20		mg/l	0.0060	1.25	BRL	96	80-120		
Lead	1.12		mg/l	0.0075	1.25	BRL	89	80-120		
Thallium	1.18		mg/l	0.0050	1.25	BRL	94	80-120		
Arsenic	1.27		mg/l	0.0040	1.25	0.0049	101	80-120		
Barium	1.42		mg/l	0.0050	1.25	0.167	100	80-120		
Silver	1.25		mg/l	0.0050	1.25	BRL	100	80-120		
Beryllium	1.26		mg/l	0.0020	1.25	BRL	101	80-120		
Copper	1.25		mg/l	0.0050	1.25	BRL	100	80-120		
Cadmium	1.13		mg/l	0.0025	1.25	0.0004	90	80-120		
Chromium	1.14		mg/l	0.0050	1.25	BRL	91	80-120		
Vanadium	1.21		mg/l	0.0050	1.25	0.0020	96	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051781 - EPA200/SW7000 Series										
Blank (9051781-BLK1)										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051781-BS1)										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00462		mg/l	0.00020	0.00500		92	85-115		
Duplicate (9051781-DUP1) **Source: SA95033-01**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051781-MS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00498		mg/l	0.00020	0.00500	BRL	100	75-125		
Matrix Spike Dup (9051781-MSD1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00508		mg/l	0.00020	0.00500	BRL	102	75-125	2	20
Post Spike (9051781-PS1) **Source: SA95070-20**										
Prepared: 28-May-09 Analyzed: 02-Jun-09										
Mercury	0.00485		mg/l	0.00020	0.00500	BRL	97	85-115		
Batch 9052039 - EPA200/SW7000 Series										
Blank (9052039-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9052039-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00472		mg/l	0.00020	0.00500		94	85-115		
Duplicate (9052039-DUP1) **Source: SA95070-21**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9052039-MS1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00352	QM7	mg/l	0.00020	0.00500	BRL	70	75-125		
Matrix Spike Dup (9052039-MSD1) **Source: SA95070-23**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00374		mg/l	0.00020	0.00500	BRL	75	75-125	6	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051596 - EPA200/SW7000 Series										
Blank (9051596-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051596-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00455		mg/l	0.00020	0.00500		91	69.2-107		
Duplicate (9051596-DUP1) **Source: SA95070-12**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020		0.00016				20
Matrix Spike (9051596-MS1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00496		mg/l	0.00020	0.00500	BRL	99	57.8-123		
Matrix Spike Dup (9051596-MSD1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00490		mg/l	0.00020	0.00500	BRL	98	57.8-123	1	20
Post Spike (9051596-PS1) **Source: SA95070-18**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Mercury	0.00466		mg/l	0.00020	0.00500	BRL	93	70-112		
Batch 9051600 - SW846 3010A										
Blank (9051600-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0500						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Lead	BRL		mg/l	0.0075						
Zinc	BRL		mg/l	0.150						
Chromium	BRL		mg/l	0.125						
Arsenic	BRL		mg/l	0.0100						
Copper	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (9051600-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Vanadium	1.25		mg/l	0.0500	1.25		100	85-115		
Zinc	1.38		mg/l	0.150	1.25		110	85-115		
Selenium	1.49	QC2	mg/l	0.0150	1.25		119	85-115		
Antimony	1.29		mg/l	0.0060	1.25		103	85-115		
Lead	1.11		mg/l	0.0075	1.25		89	85-115		
Nickel	1.17		mg/l	0.0050	1.25		94	85-115		
Thallium	1.40		mg/l	0.0050	1.25		112	85-115		
Copper	1.36		mg/l	0.0050	1.25		109	85-115		
Chromium	1.24		mg/l	0.125	1.25		99	85-115		
Arsenic	1.40		mg/l	0.0100	1.25		112	85-115		
Silver	1.46	QC2	mg/l	0.0050	1.25		117	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051600 - SW846 3010A										
LCS (9051600-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Beryllium	1.38		mg/l	0.0020	1.25		111	85-115		
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115		
Barium	1.29		mg/l	0.0050	1.25		103	85-115		
LCS Dup (9051600-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.35		mg/l	0.150	1.25		108	85-115	2	20
Vanadium	1.24		mg/l	0.0500	1.25		99	85-115	0.4	20
Selenium	1.49	QC2	mg/l	0.0150	1.25		119	85-115	0.1	20
Antimony	1.31		mg/l	0.0060	1.25		105	85-115	2	20
Lead	1.10		mg/l	0.0075	1.25		88	85-115	0.9	20
Nickel	1.16		mg/l	0.0050	1.25		93	85-115	1	20
Thallium	1.38		mg/l	0.0050	1.25		110	85-115	2	20
Chromium	1.22		mg/l	0.125	1.25		98	85-115	1	20
Cadmium	1.29		mg/l	0.0025	1.25		103	85-115	0.9	20
Copper	1.37		mg/l	0.0050	1.25		109	85-115	0.3	20
Arsenic	1.39		mg/l	0.0100	1.25		111	85-115	0.8	20
Silver	1.46	QC2	mg/l	0.0050	1.25		117	85-115	0	104
Beryllium	1.40		mg/l	0.0020	1.25		112	85-115	1	20
Barium	1.29		mg/l	0.0050	1.25		103	85-115	0	20
Duplicate (9051600-DUP1) **Source: SA95106-01**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Lead	1.41		mg/l	0.0075		1.19			17	20
Thallium	BRL		mg/l	0.0050		BRL				20
Nickel	0.0294		mg/l	0.0050		0.0300			2	20
Selenium	0.0085	J	mg/l	0.0150		0.0094			10	20
Antimony	BRL		mg/l	0.0060		0.0018				20
Zinc	1.39		mg/l	0.150		1.41			2	20
Vanadium	BRL		mg/l	0.0500		BRL				20
Cadmium	0.0032		mg/l	0.0025		0.0036			12	20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0100	J,QR8	mg/l	0.125		0.0076			28	20
Copper	0.0148	QR6	mg/l	0.0050		0.0458			102	20
Beryllium	BRL		mg/l	0.0020		0.0006				20
Arsenic	0.0030	J,QR8	mg/l	0.0100		0.0054			57	20
Barium	1.08		mg/l	0.0050		0.890			19	20
Matrix Spike (9051600-MS1) **Source: SA95113-01**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Lead	1.13		mg/l	0.0075	1.25	0.0081	90	75-125		
Vanadium	1.27		mg/l	0.0500	1.25	BRL	101	75-125		
Thallium	1.39		mg/l	0.0050	1.25	BRL	111	75-125		
Nickel	1.19		mg/l	0.0050	1.25	0.0125	94	75-125		
Antimony	1.34		mg/l	0.0060	1.25	BRL	107	75-125		
Zinc	1.43		mg/l	0.150	1.25	0.138	104	75-125		
Selenium	1.55		mg/l	0.0150	1.25	0.0082	123	75-125		
Silver	1.47		mg/l	0.0050	1.25	BRL	118	75-125		
Chromium	1.23		mg/l	0.125	1.25	0.0062	98	75-125		
Arsenic	1.44		mg/l	0.0100	1.25	BRL	115	75-125		
Copper	1.42		mg/l	0.0050	1.25	0.0178	112	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051600 - SW846 3010A										
Matrix Spike (9051600-MS1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Beryllium	1.40		mg/l	0.0020	1.25	0.0005	112	75-125		
Cadmium	1.30		mg/l	0.0025	1.25	0.0008	104	75-125		
Barium	2.31		mg/l	0.0050	1.25	1.01	104	75-125		
Matrix Spike Dup (9051600-MSD1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Selenium	1.56		mg/l	0.0150	1.25	0.0082	125	75-125	1	20
Antimony	1.36		mg/l	0.0060	1.25	BRL	108	75-125	0.9	20
Vanadium	1.29		mg/l	0.0500	1.25	BRL	103	75-125	2	20
Lead	1.15		mg/l	0.0075	1.25	0.0081	92	75-125	2	20
Zinc	1.45		mg/l	0.150	1.25	0.138	105	75-125	1	20
Thallium	1.49		mg/l	0.0050	1.25	BRL	119	75-125	7	20
Nickel	1.21		mg/l	0.0050	1.25	0.0125	95	75-125	1	20
Copper	1.44		mg/l	0.0050	1.25	0.0178	114	75-125	2	20
Cadmium	1.32		mg/l	0.0025	1.25	0.0008	106	75-125	1	20
Silver	1.52		mg/l	0.0050	1.25	BRL	121	75-125	3	20
Beryllium	1.43		mg/l	0.0020	1.25	0.0005	115	75-125	2	20
Arsenic	1.46		mg/l	0.0100	1.25	BRL	117	75-125	1	20
Chromium	1.25		mg/l	0.125	1.25	0.0062	100	75-125	2	20
Barium	2.32		mg/l	0.0050	1.25	1.01	105	75-125	0.2	20
Post Spike (9051600-PS1)	**Source: SA95113-01**									
Prepared: 22-May-09 Analyzed: 27-May-09										
Thallium	1.43		mg/l	0.0050	1.25	BRL	115	75-125		
Selenium	1.57		mg/l	0.0150	1.25	0.0082	125	75-125		
Lead	1.14		mg/l	0.0075	1.25	0.0081	91	75-125		
Vanadium	1.28		mg/l	0.0500	1.25	BRL	102	75-125		
Nickel	1.20		mg/l	0.0050	1.25	0.0125	95	75-125		
Antimony	1.35		mg/l	0.0060	1.25	BRL	108	75-125		
Zinc	1.45		mg/l	0.150	1.25	0.138	105	75-125		
Silver	1.50		mg/l	0.0050	1.25	BRL	120	75-125		
Arsenic	1.46		mg/l	0.0100	1.25	BRL	117	75-125		
Cadmium	1.31		mg/l	0.0025	1.25	0.0008	105	75-125		
Copper	1.43		mg/l	0.0050	1.25	0.0178	113	75-125		
Beryllium	1.42		mg/l	0.0020	1.25	0.0005	114	75-125		
Chromium	1.24		mg/l	0.125	1.25	0.0062	99	75-125		
Barium	2.32		mg/l	0.0050	1.25	1.01	105	75-125		
Batch 9051601 - EPA200/SW7000 Series										
Blank (9051601-BLK1)										
Prepared & Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051601-BS1)										
Prepared & Analyzed: 26-May-09										
Mercury	0.00449		mg/l	0.00020	0.00500		90	69.2-107		
Duplicate (9051601-DUP1)	**Source: SA95106-01**									
Prepared & Analyzed: 26-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051601 - EPA200/SW7000 Series										
Matrix Spike (9051601-MS1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00440		mg/l	0.00020	0.00500	BRL	88	57.8-123		
Matrix Spike Dup (9051601-MSD1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	57.8-123	4	20
Post Spike (9051601-PS1)	**Source: SA95113-01**									
Prepared & Analyzed: 26-May-09										
Mercury	0.00428		mg/l	0.00020	0.00500	BRL	86	70-112		
Batch 9060658 - SW846 3010A										
Blank (9060658-BLK1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	BRL		mg/l	0.0150						
LCS (9060658-BS1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.59		mg/l	0.0150	2.50		103	85-115		
LCS Dup (9060658-BSD1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.54		mg/l	0.0150	2.50		101	85-115	2	20
Duplicate (9060658-DUP1)	**Source: SA95723-02**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	0.328	QR6	mg/l	0.0150		0.264			22	20
Matrix Spike (9060658-MS1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.56		mg/l	0.0150	2.50	0.0137	102	75-125		
Matrix Spike Dup (9060658-MSD1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.54		mg/l	0.0150	2.50	0.0137	101	75-125	0.7	20
Post Spike (9060658-PS1)	**Source: SA95708-01**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.59		mg/l	0.0150	2.50	0.0137	103	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Blank (9051595-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Thallium	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0500						
Selenium	BRL		mg/l	0.0150						
Vanadium	BRL		mg/l	0.0500						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0100						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (9051595-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Antimony	1.24		mg/l	0.0060	1.25		99	85-115		
Nickel	1.31		mg/l	0.0050	1.25		105	85-115		
Thallium	1.27		mg/l	0.0050	1.25		101	85-115		
Selenium	1.26		mg/l	0.0150	1.25		101	85-115		
Vanadium	1.27		mg/l	0.0500	1.25		102	85-115		
Zinc	1.34		mg/l	0.0500	1.25		107	85-115		
Lead	1.26		mg/l	0.0075	1.25		101	85-115		
Silver	1.24		mg/l	0.0050	1.25		99	85-115		
Arsenic	1.25		mg/l	0.0100	1.25		100	85-115		
Beryllium	1.35		mg/l	0.0020	1.25		108	85-115		
Chromium	1.28		mg/l	0.0050	1.25		102	85-115		
Copper	1.31		mg/l	0.0050	1.25		105	85-115		
Cadmium	1.34		mg/l	0.0025	1.25		107	85-115		
Barium	1.34		mg/l	0.0050	1.25		107	85-115		
LCS Dup (9051595-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.34		mg/l	0.0500	1.25		107	85-115	0.1	20
Vanadium	1.27		mg/l	0.0500	1.25		102	85-115	0.08	20
Selenium	1.26		mg/l	0.0150	1.25		101	85-115	0.2	20
Antimony	1.25		mg/l	0.0060	1.25		100	85-115	0.3	20
Nickel	1.31		mg/l	0.0050	1.25		105	85-115	0.1	20
Lead	1.27		mg/l	0.0075	1.25		101	85-115	0.2	20
Thallium	1.27		mg/l	0.0050	1.25		102	85-115	0.2	20
Silver	1.24		mg/l	0.0050	1.25		99	85-115	0.04	20
Beryllium	1.37		mg/l	0.0020	1.25		109	85-115	0.9	20
Copper	1.32		mg/l	0.0050	1.25		106	85-115	0.8	20
Chromium	1.27		mg/l	0.0050	1.25		101	85-115	0.9	20
Arsenic	1.26		mg/l	0.0100	1.25		100	85-115	0.3	20
Cadmium	1.34		mg/l	0.0025	1.25		107	85-115	0.03	20
Barium	1.32		mg/l	0.0050	1.25		106	85-115	2	20
Duplicate (9051595-DUP1) **Source: SA95070-11**										
Prepared: 22-May-09 Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Duplicate (9051595-DUP1)	**Source: SA95070-11**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Antimony	0.0020	J,QR8	mg/l	0.0060		0.0032			44	20
Nickel	0.0064		mg/l	0.0050		0.0068			6	20
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Thallium	BRL		mg/l	0.0050		BRL				20
Vanadium	BRL		mg/l	0.0500		BRL				20
Zinc	1.52		mg/l	0.0500		1.52			0.1	20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Beryllium	BRL		mg/l	0.0020		0.0006				20
Cadmium	0.0084		mg/l	0.0025		0.0088			4	20
Chromium	BRL		mg/l	0.0050		BRL				20
Copper	0.0060	QR8	mg/l	0.0050		0.0048			24	20
Barium	0.187		mg/l	0.0050		0.186			0.6	20
Matrix Spike (9051595-MS1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Nickel	1.33		mg/l	0.0050	1.25	0.0009	106	75-125		
Selenium	1.28		mg/l	0.0150	1.25	BRL	103	75-125		
Lead	1.28		mg/l	0.0075	1.25	BRL	103	75-125		
Antimony	1.26		mg/l	0.0060	1.25	0.0020	100	75-125		
Vanadium	1.31		mg/l	0.0500	1.25	BRL	105	75-125		
Thallium	1.28		mg/l	0.0050	1.25	BRL	102	75-125		
Zinc	1.34		mg/l	0.0500	1.25	0.0096	106	75-125		
Chromium	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Cadmium	1.34		mg/l	0.0025	1.25	0.0003	107	75-125		
Copper	1.34		mg/l	0.0050	1.25	BRL	107	75-125		
Beryllium	1.38		mg/l	0.0020	1.25	BRL	111	75-125		
Arsenic	1.28		mg/l	0.0100	1.25	BRL	103	75-125		
Silver	1.26		mg/l	0.0050	1.25	BRL	101	75-125		
Barium	1.36		mg/l	0.0050	1.25	0.0188	107	75-125		
Matrix Spike Dup (9051595-MSD1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										
Zinc	1.33		mg/l	0.0500	1.25	0.0096	106	75-125	0.1	20
Antimony	1.24		mg/l	0.0060	1.25	0.0020	99	75-125	1	20
Vanadium	1.28		mg/l	0.0500	1.25	BRL	102	75-125	2	20
Nickel	1.31		mg/l	0.0050	1.25	0.0009	105	75-125	1	20
Selenium	1.26		mg/l	0.0150	1.25	BRL	101	75-125	2	20
Thallium	1.28		mg/l	0.0050	1.25	BRL	102	75-125	0.08	20
Lead	1.27		mg/l	0.0075	1.25	BRL	101	75-125	1	20
Copper	1.31		mg/l	0.0050	1.25	BRL	105	75-125	2	20
Beryllium	1.36		mg/l	0.0020	1.25	BRL	109	75-125	1	20
Chromium	1.28		mg/l	0.0050	1.25	BRL	103	75-125	1	20
Arsenic	1.26		mg/l	0.0100	1.25	BRL	100	75-125	2	20
Silver	1.24		mg/l	0.0050	1.25	BRL	99	75-125	2	20
Cadmium	1.35		mg/l	0.0025	1.25	0.0003	108	75-125	0.1	20
Barium	1.36		mg/l	0.0050	1.25	0.0188	107	75-125	0.1	20
Post Spike (9051595-PS1)	**Source: SA95070-10**									
Prepared: 22-May-09 Analyzed: 26-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051595 - SW846 3010A										
Post Spike (9051595-PS1) **Source: SA95070-10**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Thallium	1.28		mg/l	0.0050	1.25	BRL	103	75-125		
Selenium	1.28		mg/l	0.0150	1.25	BRL	102	75-125		
Lead	1.28		mg/l	0.0075	1.25	BRL	102	75-125		
Antimony	1.25		mg/l	0.0060	1.25	0.0020	100	75-125		
Nickel	1.33		mg/l	0.0050	1.25	0.0009	106	75-125		
Zinc	1.34		mg/l	0.0500	1.25	0.0096	107	75-125		
Vanadium	1.30		mg/l	0.0500	1.25	BRL	104	75-125		
Beryllium	1.37		mg/l	0.0020	1.25	BRL	109	75-125		
Copper	1.33		mg/l	0.0050	1.25	BRL	106	75-125		
Silver	1.26		mg/l	0.0050	1.25	BRL	101	75-125		
Arsenic	1.27		mg/l	0.0100	1.25	BRL	102	75-125		
Cadmium	1.35		mg/l	0.0025	1.25	0.0003	108	75-125		
Chromium	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Barium	1.37		mg/l	0.0050	1.25	0.0188	108	75-125		
Batch 9051597 - SW846 3010A										
Blank (9051597-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	BRL		mg/l	0.0075						
Vanadium	BRL		mg/l	0.0500						
Antimony	BRL		mg/l	0.0060						
Zinc	BRL		mg/l	0.0210						
Thallium	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Nickel	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (9051597-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.21		mg/l	0.0150	1.25		97	85-115		
Vanadium	1.30		mg/l	0.0500	1.25		104	85-115		
Zinc	1.33		mg/l	0.0210	1.25		106	85-115		
Thallium	1.32		mg/l	0.0050	1.25		105	85-115		
Nickel	1.24		mg/l	0.0050	1.25		99	85-115		
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Lead	1.24		mg/l	0.0075	1.25		100	85-115		
Chromium	1.05	QC1	mg/l	0.0050	1.25		84	85-115		
Silver	1.31		mg/l	0.0050	1.25		105	85-115		
Arsenic	1.21		mg/l	0.0100	1.25		97	85-115		
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115		
Beryllium	1.20		mg/l	0.0020	1.25		96	85-115		
Copper	1.31		mg/l	0.0050	1.25		105	85-115		
Barium	1.20		mg/l	0.0050	1.25		96	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051597 - SW846 3010A										
LCS Dup (9051597-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Zinc	1.33		mg/l	0.0210	1.25		106	85-115	0	20
Lead	1.26		mg/l	0.0075	1.25		100	85-115	0.9	20
Selenium	1.23		mg/l	0.0150	1.25		98	85-115	1	20
Nickel	1.27		mg/l	0.0050	1.25		102	85-115	2	20
Antimony	1.22		mg/l	0.0060	1.25		97	85-115	1	20
Thallium	1.32		mg/l	0.0050	1.25		106	85-115	0.6	20
Vanadium	1.31		mg/l	0.0500	1.25		105	85-115	0.7	20
Silver	1.30		mg/l	0.0050	1.25		104	85-115	1	20
Arsenic	1.23		mg/l	0.0100	1.25		99	85-115	2	20
Cadmium	1.33		mg/l	0.0025	1.25		106	85-115	0.1	20
Copper	1.32		mg/l	0.0050	1.25		106	85-115	0.9	20
Chromium	1.08		mg/l	0.0050	1.25		86	85-115	3	20
Beryllium	1.23		mg/l	0.0020	1.25		98	85-115	2	20
Barium	1.22		mg/l	0.0050	1.25		98	85-115	2	20
Duplicate (9051597-DUP1)	**Source: SA95070-09**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Nickel	BRL		mg/l	0.0050		0.0010				20
Vanadium	0.0044	J	mg/l	0.0500		0.0040			12	20
Zinc	0.0252	QR6	mg/l	0.0210		0.0192			27	20
Thallium	BRL		mg/l	0.0050		BRL				20
Antimony	BRL		mg/l	0.0060		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Copper	BRL		mg/l	0.0050		0.0038				20
Cadmium	0.0002	J	mg/l	0.0025		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0033	J,QR8	mg/l	0.0050		0.0041			22	20
Barium	0.0139		mg/l	0.0050		0.0136			3	20
Matrix Spike (9051597-MS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125		
Selenium	1.30		mg/l	0.0150	1.25	0.0016	104	75-125		
Zinc	1.39		mg/l	0.0210	1.25	0.129	101	75-125		
Thallium	1.39		mg/l	0.0050	1.25	BRL	111	75-125		
Vanadium	1.39		mg/l	0.0500	1.25	BRL	111	75-125		
Lead	1.31		mg/l	0.0075	1.25	BRL	105	75-125		
Nickel	1.36		mg/l	0.0050	1.25	0.0014	108	75-125		
Beryllium	1.30		mg/l	0.0020	1.25	BRL	104	75-125		
Chromium	1.18		mg/l	0.0050	1.25	BRL	94	75-125		
Copper	1.40		mg/l	0.0050	1.25	BRL	112	75-125		
Cadmium	1.38		mg/l	0.0025	1.25	0.0002	111	75-125		
Silver	1.33		mg/l	0.0050	1.25	BRL	106	75-125		
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0144	103	75-125		
Matrix Spike Dup (9051597-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051597 - SW846 3010A										
Matrix Spike Dup (9051597-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.32		mg/l	0.0075	1.25	BRL	105	75-125	0.3	20
Zinc	1.38		mg/l	0.0210	1.25	0.129	100	75-125	0.6	20
Vanadium	1.40		mg/l	0.0500	1.25	BRL	112	75-125	0.5	20
Thallium	1.38		mg/l	0.0050	1.25	BRL	111	75-125	0.2	20
Selenium	1.29		mg/l	0.0150	1.25	0.0016	103	75-125	0.5	20
Nickel	1.35		mg/l	0.0050	1.25	0.0014	108	75-125	0.1	20
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125	0.3	20
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125	0.4	20
Chromium	1.18		mg/l	0.0050	1.25	BRL	94	75-125	0.3	20
Copper	1.41		mg/l	0.0050	1.25	BRL	112	75-125	0.6	20
Cadmium	1.39		mg/l	0.0025	1.25	0.0002	111	75-125	0.2	20
Beryllium	1.31		mg/l	0.0020	1.25	BRL	105	75-125	0.6	20
Silver	1.36		mg/l	0.0050	1.25	BRL	109	75-125	2	20
Barium	1.32		mg/l	0.0050	1.25	0.0144	104	75-125	1	20
Post Spike (9051597-PS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.31		mg/l	0.0075	1.25	BRL	105	75-125		
Antimony	1.29		mg/l	0.0060	1.25	BRL	103	75-125		
Vanadium	1.40		mg/l	0.0500	1.25	BRL	112	75-125		
Nickel	1.35		mg/l	0.0050	1.25	0.0014	108	75-125		
Selenium	1.30		mg/l	0.0150	1.25	0.0016	104	75-125		
Zinc	1.38		mg/l	0.0210	1.25	0.129	100	75-125		
Thallium	1.38		mg/l	0.0050	1.25	BRL	110	75-125		
Silver	1.36		mg/l	0.0050	1.25	BRL	109	75-125		
Arsenic	1.30		mg/l	0.0100	1.25	BRL	104	75-125		
Beryllium	1.32		mg/l	0.0020	1.25	BRL	106	75-125		
Chromium	1.19		mg/l	0.0050	1.25	BRL	95	75-125		
Copper	1.41		mg/l	0.0050	1.25	BRL	112	75-125		
Cadmium	1.38		mg/l	0.0025	1.25	0.0002	110	75-125		
Barium	1.32		mg/l	0.0050	1.25	0.0144	104	75-125		
Batch 9051598 - EPA200/SW7000 Series										
Blank (9051598-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051598-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00505		mg/l	0.00020	0.00500		101	56.1-122		
Duplicate (9051598-DUP1)	**Source: SA95070-09**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051598-MS1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00531		mg/l	0.00020	0.00500	BRL	106	59.8-119		
Matrix Spike Dup (9051598-MSD1)	**Source: SA95070-05**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00511		mg/l	0.00020	0.00500	BRL	102	59.8-119	4	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051598 - EPA200/SW7000 Series										
Post Spike (9051598-PS1) **Source: SA95070-05**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00484		mg/l	0.00020	0.00500	BRL	97	72.4-113		
Batch 9051744 - SW846 3010A										
Blank (9051744-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (9051744-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.23		mg/l	0.0075	1.25		99	85-115		
Selenium	1.23		mg/l	0.0150	1.25		98	85-115		
Silver	1.24		mg/l	0.0050	1.25		100	85-115		
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115		
Chromium	1.28		mg/l	0.0050	1.25		103	85-115		
Arsenic	1.23		mg/l	0.0100	1.25		98	85-115		
Barium	1.23		mg/l	0.0050	1.25		99	85-115		
LCS Dup (9051744-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.20		mg/l	0.0150	1.25		96	85-115	2	20
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Cadmium	1.27		mg/l	0.0025	1.25		101	85-115	2	20
Silver	1.24		mg/l	0.0050	1.25		100	85-115	0.04	20
Arsenic	1.20		mg/l	0.0100	1.25		96	85-115	2	20
Chromium	1.24		mg/l	0.0050	1.25		99	85-115	4	20
Barium	1.19		mg/l	0.0050	1.25		95	85-115	4	20
Duplicate (9051744-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0225		mg/l	0.0075		0.0198			13	20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002				20
Chromium	BRL		mg/l	0.0050		0.0027				20
Barium	0.120	QR6	mg/l	0.0050		0.0500			82	20
Matrix Spike (9051744-MS1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.22		mg/l	0.0150	1.25	BRL	98	75-125		
Lead	1.26		mg/l	0.0075	1.25	0.0195	100	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Cadmium	1.31		mg/l	0.0025	1.25	BRL	105	75-125		
Chromium	1.30		mg/l	0.0050	1.25	0.0018	104	75-125		
Arsenic	1.24		mg/l	0.0100	1.25	0.0133	98	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0923	97	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051744 - SW846 3010A										
Matrix Spike Dup (9051744-MSD1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125	1	20
Selenium	1.23		mg/l	0.0150	1.25	BRL	99	75-125	1	20
Arsenic	1.25		mg/l	0.0100	1.25	0.0133	99	75-125	1	20
Cadmium	1.33		mg/l	0.0025	1.25	BRL	106	75-125	1	20
Chromium	1.33		mg/l	0.0050	1.25	0.0018	106	75-125	2	20
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125	1	20
Barium	1.35		mg/l	0.0050	1.25	0.0923	101	75-125	4	20
Post Spike (9051744-PS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	75-125		
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125		
Chromium	1.32		mg/l	0.0050	1.25	0.0018	105	75-125		
Arsenic	1.26		mg/l	0.0100	1.25	0.0133	99	75-125		
Cadmium	1.32		mg/l	0.0025	1.25	BRL	105	75-125		
Barium	1.34		mg/l	0.0050	1.25	0.0923	100	75-125		
Batch 9051746 - EPA200/SW7000 Series										
Blank (9051746-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051746-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00456		mg/l	0.00020	0.00500		91	56.1-122		
Duplicate (9051746-DUP1)	**Source: SA95070-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051746-MS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	59.8-119		
Matrix Spike Dup (9051746-MSD1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00426		mg/l	0.00020	0.00500	BRL	85	59.8-119	8	20
Post Spike (9051746-PS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00445		mg/l	0.00020	0.00500	BRL	89	72.4-113		
Batch 9051908 - EPA200/SW7000 Series										
Blank (9051908-BLK1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051908-BS1)										
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00479		mg/l	0.00020	0.00500		96	56.1-122		
Duplicate (9051908-DUP1)	**Source: SA95070-11**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	BRL		mg/l	0.00020		BRL				20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051908 - EPA200/SW7000 Series										
Matrix Spike (9051908-MS1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00529		mg/l	0.00020	0.00500	BRL	106	59.8-119		
Matrix Spike Dup (9051908-MSD1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00500		mg/l	0.00020	0.00500	BRL	100	59.8-119	6	20
Post Spike (9051908-PS1)	**Source: SA95070-10**									
Prepared: 29-May-09 Analyzed: 01-Jun-09										
Mercury	0.00467		mg/l	0.00020	0.00500	BRL	93	72.4-113		
Batch 9060651 - SW846 3010A										
Blank (9060651-BLK1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	BRL		mg/l	0.0150						
LCS (9060651-BS1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.52		mg/l	0.0150	2.50		101	85-115		
LCS Dup (9060651-BSD1)										
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.52		mg/l	0.0150	2.50		101	85-115	0.2	20
Duplicate (9060651-DUP1)	**Source: SA95739-14**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	0.0101	J	mg/l	0.0150		0.0105			4	20
Matrix Spike (9060651-MS1)	**Source: SA95739-15**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.56		mg/l	0.0150	2.50	0.0080	102	75-125		
Matrix Spike Dup (9060651-MSD1)	**Source: SA95739-15**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.60		mg/l	0.0150	2.50	0.0080	104	75-125	1	20
Post Spike (9060651-PS1)	**Source: SA95739-15**									
Prepared: 09-Jun-09 Analyzed: 10-Jun-09										
Lead	2.53		mg/l	0.0150	2.50	0.0080	101	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051382 - General Preparation										
Duplicate (9051382-DUP1)	**Source: SA95032-01**									
Prepared & Analyzed: 19-May-09										
pH	6.99		pH Units			7.01			0.3	5
Reference (9051382-SRM4)										
Prepared & Analyzed: 19-May-09										
pH	7.07		pH Units		7.00		101	97.5-102.5		
Reference (9051382-SRM5)										
Prepared & Analyzed: 19-May-09										
pH	7.12		pH Units		7.00		102	97.5-102.5		
Batch 9051436 - General Preparation										
Duplicate (9051436-DUP1)	**Source: SA95061-18**									
Prepared & Analyzed: 20-May-09										
% Solids	90.4		%			91.0			0.6	20
Batch 9051437 - General Preparation										
Duplicate (9051437-DUP1)	**Source: SA95070-04**									
Prepared & Analyzed: 20-May-09										
% Solids	87.1		%			87.2			0.1	20
Batch 9051661 - General Preparation										
Blank (9051661-BLK1)										
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/l							
Reactive Cyanide	BRL		mg/l	25.0						
Reactive Sulfide	BRL		mg/l	50.0						
Duplicate (9051661-DUP1)	**Source: SA95070-21**									
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/l			Nonreactive				200
Reactive Cyanide	BRL		mg/l	25.0		BRL				20
Reactive Sulfide	BRL		mg/l	50.0		BRL				20
Reference (9051661-SRM1)										
Prepared & Analyzed: 22-May-09										
Reactive Cyanide	4.10		mg/l	25.0	100		4	0-200		
Reference (9051661-SRM2)										
Prepared & Analyzed: 22-May-09										
Reactive Sulfide	96.2		mg/l	50.0	6700		1	0-200		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051412 - General Preparation										
Duplicate (9051412-DUP1)	**Source: SA95070-18**									
Prepared & Analyzed: 20-May-09										
Ignitability by Definition	Negative	IgHT	N/A			Negative				35
Batch 9051440 - General Preparation										
Duplicate (9051440-DUP1)	**Source: SA95070-02**									
Prepared & Analyzed: 20-May-09										
pH	7.04		pH Units			6.90			2	5
Reference (9051440-SRM1)										
Prepared & Analyzed: 20-May-09										
pH	7.03		pH Units		7.00		100	97.5-102.5		
Reference (9051440-SRM2)										
Prepared & Analyzed: 20-May-09										
pH	7.06		pH Units		7.00		101	97.5-102.5		
Batch 9051654 - General Preparation										
Blank (9051654-BLK1)										
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/kg wet							
Reactive Cyanide	BRL		mg/kg wet	25.0						
Reactive Sulfide	BRL		mg/kg wet	50.0						
Duplicate (9051654-DUP1)	**Source: SA95029-01**									
Prepared & Analyzed: 22-May-09										
Reactivity	Nonreactive		mg/kg dry			0.00				200
Reactive Cyanide	6.18	J	mg/kg dry	24.8		BRL				35
Reactive Sulfide	BRL		mg/kg dry	49.6		BRL				35
Reference (9051654-SRM1)										
Prepared & Analyzed: 22-May-09										
Reactive Cyanide	4.10		mg/kg wet	25.0	100		4	0-200		
Reference (9051654-SRM2)										
Prepared & Analyzed: 22-May-09										
Reactive Sulfide	96.2		mg/kg wet	50.0	6700		1	0-200		
Batch 9051937 - General Preparation										
Duplicate (9051937-DUP1)	**Source: SA95070-21**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Flashpoint	>200		°F			>200				35
Reference (9051937-SRM1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Flashpoint	80		°F		81.0		99	95-105		

Notes and Definitions

CAL1	Analyte quantified by quadratic equation type calibration.
CAL2	Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria
CAL3	SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria
DC2	The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.
GS	This sample was not able to be analyzed for low level reporting limits due to high concentrations of other target analytes in the sample.
IgHT	A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues 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).
pH	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. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor
Kim Wisk
Rebecca Merz

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: TRC - Windsor, CT

Project Location: East Bridgeport Railyard - Bridgeport, CT

Project Number: 107307-3704-210

Sampling Date(s):
15-May-09 18-May-09 19-May-09

Laboratory Sample ID(s):
SA95070-01 through SA95070-25

RCP Methods Used:

+CT ETPH	EPA 245.1/7470A	SW846 1311	SW846 1311/6010B	SW846 1311/7470A
SW846 1312	SW846 1312/6010B	SW846 1312/7470A	SW846 6010B	SW846 7471A
SW846 8081A	SW846 8082	SW846 8151A	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: 6/11/2009

SA95070 (1)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

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

Report To: Liam Bane
TRC
21 Griffin Rd North
Windsor, CT

Project Mgr.: Liam Bane

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Railyard
Location: Bridgeport State: CT
Sampler(s): Liam Bane

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

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/5035	SVOCs 8270C	ETPH - CT Method Total + SPLP RCRA 8 metals	PCBs 8082	CT RSR metals Total, SPLP, TCLP	Herb / Pest 8150/8081	Ignitability 1010	Corrosivity 1110	Reactivity (Cyanide/Sulfide)	QA Reporting Notes
SA95070-01	B-1 (0-2)	5-15-09	0800	G	SO	7,9	3		2		X	X	X	X	X					
-02	B-4 (5-7)	↓	0920	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	Include TCLP RCRA 8 metals
-03	B-12 (0-2)		1115	G	SO	7,9	3		2		X	X	X	X	X					
-04	B-11 (0-4)		1145	G	SO	7,9	3	2			X	X	X	X	X					
-05	B-13 (0-2)		1230	G	SO	7,9	3		2		X	X	X	X	X					
-06	B-14 (2-4)		1300	G	SO	7,9	3	1	1		X	X	X	X	X					
-07	B-5 (1-3)	5-18-09	0805	G	SO	7,9	3		2		X	X	X	X	X					
-08	B-8 (0-2)		0815	G	SO	7,9	3		2		X	X	X	X	X					
-09	B-9 (0-2)		0900	G	SO	7,9	3		2		X	X	X	X	X					
-10	B-10 (0-2)	↓	1000	G	SO	7,9	3		2		X	X	X	X	X					

- [ ] Fax results when available to (____) _____
- [x] E-mail to lbane@trcsolutions.com
EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] 4°C 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

SA95070Ck

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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

Report To: Liam Bane
TRC
21 Griffin Road North
Windsor, CT 06095
Project Mgr.: Liam Bane

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Rail Yard
Location: Bridgeport State: CT
Sampler(s) Liam Bane

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

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

G=Grab C=Composite

QA Reporting Notes: (check if needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/5035	SVOCs 8270C	ETPH, CT Meth.	PCBs 8082	RCRA 8 metals Total/SPLP	Ignitability	~~PCBs 8082~~	CT ASR Metals Total/SPLP/TCLP	Herb/Pest 8151D	Reactivity (cyanide/sulfide)	Corrosivity	QA Reporting Notes
SA95070-11	B-15 (2-4)	5-18-09	1145	G	SO	7,9	3		2		X	X	X	X	X							
12	B-16 (0-3)	↓	1240	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	X		Run TCLP RCRA 8 metals
13	B-7 (0-2)		1535	G	SO	7,9	3		2		X	X	X	X	X							
14	B-6 (2-4)		1600	G	SO	7,9	3		2		X	X	X	X	X							
15	B-3 (0-2)		1615	G	SO	7,9	3		2		X	X	X	X	X							
16	B-2 (0-2)	↓	1635	G	SO	7,9	3		2		X	X	X	X	X							
17	TP-1 (0-2)	5-19-09	0830	G	SO	7,9	3		2		X	X	X	X	X							
18	TP-2 (4-6)	↓	0920	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X			Run TCLP RCRA 8 metals
19	TP-3 (0-2)	↓	1240	G	SO	7,9	3		2		X	X	X	X	X							

- [ ] Fax results when available to (____) _____
- [x] E-mail to lbane@trcsolutions.com
EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] °C 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

SA95070 CK

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

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

Report To: Liam Bane
TRC
21 Griffin Rd North
Windsor, CT 06095
Project Mgr.: Liam Bane

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Rail Yard
Location: Bridgeport State: CT
Sampler(s) Liam Bane

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

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

G=Grab C=Composite

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

QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260	SVOCs 8270 c	ETPH - CT Meth	Total / Dissolved RCRA 8 metals	PCBs 8082	CT RSR metals Total / Dissolved	TSS / 8081 Herb / Pest	Corrosivity	Ignitability	Reactivity (Sulfide / Cyanide)	QA Reporting Notes
SA95070-20	GW-B-1	5-15-09	1030	G	GW	9 3,4	2	5		2	X	X	X	X	X						Dissolved metals field filtered
21	GW-B-4	5-15-09	0950	↓	↓	↓	2	6		4	X	X	X	X	X	X	X	X	X		w/.45 micron filter
22	GW-B-10	5-18-09	1045	↓	↓	↓	2	5		2	X	X	X	X	X						↓
23	GW-B-16	5-18-09	1400	↓	↓	↓	2	7		4	X	X	X	X	X	X	X	X	X		↓
24	GW-TP-2	5-19-09	1100	↓	↓	↓	2	5		2	X	X	X	X	X						↓
25	GW-TP-1	5-19-09	1200	↓	↓	↓	2	5		2	X	X	X	X	X						↓

☐ Fax results when available to (____) _____
☒ E-mail to lbane@trcsolutions.com
EDD Format _____
Condition upon receipt: ☐ Iced ☐ Ambient ☐ 4.9

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-19-09	1750

SA95070Ck

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

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

Report To: Liam Bane
TRC
21 Griffin Road North
Windsor, CT 06095
Project Mgr.: Liam Bane

Invoice To: Same
P.O. No.: _____ RQN: _____

Project No.: 107307-3704-210
Site Name: East Bridgeport Rail Yard
Location: Bridgeport State: CT
Sampler(s) Liam Bane

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/5035	SVOCs 8270C	ETPH, CT MEPH	PCBs 8082	RCRA 8 metals Total/SPLP	Ignitability	~~Pest 8081~~	CT PSR Metals Total/SPLP/TCLP	Herb/Pest 8151A/8081	Reactivity, Cyanide/sulfide, Corrosivity	QA Reporting Notes:
SA95070 11	B-15 (2-4)	5-18-09	1145	G	SO	7,9	3		2		X	X	X	X	X						
12	B-16 (0-3)	↓	1240	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	X	Run TCLP RCRA 8 metals
13	B-7 (0-2)		1535	G	SO	7,9	3		2		X	X	X	X	X						
14	B-6 (2-4)		1600	G	SO	7,9	3		2		X	X	X	X	X						
15	B-3 (0-2)		1615	G	SO	7,9	3		2		X	X	X	X	X						
16	B-2 (0-2)	↓	1635	G	SO	7,9	3		2		X	X	X	X	X						
17	TP-1 (0-2)	5-19-09	0830	G	SO	7,9	3		2		X	X	X	X	X						
18	TP-2 (4-6)	↓	0920	G	SO	7,9	3		4		X	X	X	X	X	X	X	X	X	X	Run TCLP RCRA 8 metals
19	TP-3 (0-2)	↓	1240	G	SO	7,9	3		2		X	X	X	X	X						

Containers: # of Plastic RE for TOPS 1 TCLP, SPLP

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DEP RCP Report

State specific reporting standards: _____

ADDED ANALYSIS 6/8/09 See attached

- [ ] Fax results when available to (____) _____
- [x] E-mail to lbane@trcsolutions.com
EDD Format _____

Condition upon receipt: [x] Iced [ ] Ambient [x] °C 4.9

Relinquished by:	Date:	Time:
	5-19-09	1750

Received by: [signature]

Report Date:
01-Jun-09 15:20

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

TRC
21 Griffin Road North
Windsor, CT 06095
Attn: Liam Bane

Project: East Bridgeport Railyard - Bridgeport, CT
Project 107307-3704-210

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA95203-01	TP-4 (2-4)	Soil	20-May-09 07:45	21-May-09 17:50
SA95203-02	TP-5 (1-3)	Soil	20-May-09 08:20	21-May-09 17:50
SA95203-03	TP-6 (1-3)	Soil	20-May-09 08:55	21-May-09 17:50
SA95203-04	TP-7 (1-3)	Soil	20-May-09 09:35	21-May-09 17:50
SA95203-05	TP-8 (0-2)	Soil	20-May-09 11:00	21-May-09 17:50
SA95203-06	TP-9 (3-6)	Soil	20-May-09 11:20	21-May-09 17:50
SA95203-07	TP-10 (1-3)	Soil	20-May-09 11:50	21-May-09 17:50
SA95203-08	TP-11 (2-4)	Soil	20-May-09 12:30	21-May-09 17:50
SA95203-09	TP-12 (2-4)	Soil	20-May-09 13:15	21-May-09 17:50
SA95203-10	GW-TP-7	Ground Water	20-May-09 10:10	21-May-09 17:50

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

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 142 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.

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

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 4.2 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.

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).

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

EPA 245.1/7470A

Spikes:

9051783-MSD1 *Source: SA95203-10*

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

Mercury

9051868-MS1 *Source: SA95203-10*

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

Mercury

9051868-MSD1 *Source: SA95203-10*

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

Mercury

SW846 1030

SW846 1030

Samples:

SA95203-04 *TP-7 (1-3)*

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

SW846 1311/6010B

Blanks:

9051748-BLK1

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

Zinc

Laboratory Control Samples:

9051748-BS1

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

Selenium

9051748-BSD1

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

Selenium

Analyte out of acceptance range.

Arsenic
Copper

Spikes:

9051748-MS1 *Source: SA95215-01*

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

Selenium

9051748-MSD1 *Source: SA95215-01*

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

Selenium

9051748-PS1 *Source: SA95215-01*

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

Selenium

SW846 1311/6010B

Duplicates:

9051748-DUP1 *Source: SA95210-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Antimony
Chromium
Selenium

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

Barium
Copper
Lead
Nickel
Zinc

Samples:

SA95203-04 *TP-7 (1-3)*

Analyte concentration confirmed by duplicate analysis.

Antimony

SW846 1312/6010B

Duplicates:

9051744-DUP1 *Source: SA95070-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Antimony

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

Barium
Vanadium

9051855-DUP1 *Source: SA93524-16*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Cadmium
Selenium

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

Lead

SW846 6010B

SW846 6010B

Laboratory Control Samples:

9051672-BS1

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

Silver

9051672-BSD1

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

Silver

Duplicates:

9051672-DUP1 *Source: SA95203-09*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Antimony

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

Arsenic
Barium
Cadmium
Chromium
Copper
Nickel

9051782-DUP1 *Source: SA95203-10*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Silver

SW846 8081A

Samples:

S904766-CCV2

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDT (p,p')
Endosulfan sulfate
Endrin aldehyde
Endrin ketone

S904927-CCV1

The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.

4,4'-DDD (p,p')

S904927-CCV2

The analyte result for the confirmation column was outside of the acceptance limits. The result from the primary column was used. The analyte was not detected in the associated samples.

4,4'-DDD (p,p') [2C]

SW846 8260B

SW846 8260B

Laboratory Control Samples:

9051619-BS1

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

Chloromethane
Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

2-Hexanone (MBK)
Di-isopropyl ether

9051619-BSD1

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

Chloromethane
Ethanol
Tetrahydrofuran

9051732-BS1

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

Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

Analyte out of acceptance range.

2-Hexanone (MBK)

9051732-BSD1

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

Chloromethane
Di-isopropyl ether
Ethanol
Tetrahydrofuran

9051757-BS1

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

1,1,2,2-Tetrachloroethane

9051757-BSD1

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

1,1,2,2-Tetrachloroethane

Analyte out of acceptance range.

Vinyl chloride

SW846 8260B

Laboratory Control Samples:

9051889-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
o-Xylene
sec-Butylbenzene

9051889-BSD1

RPD out of acceptance range.

2-Chlorotoluene

9052117-BS1

Analyte out of acceptance range.

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
4-Chlorotoluene
o-Xylene
sec-Butylbenzene

9052117-BSD1

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

1,4-Dioxane

SW846 8260B

Samples:

S904752-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Acetone
Ethanol
Tetrahydrofuran

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

Chloromethane

This affected the following samples:

TP-4 (2-4)
TP-4 (2-4)
TP-9 (3-6)
TP-9 (3-6)

S904787-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

Ethanol
Tert-amyl methyl ether

SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria

1,1,2,2-Tetrachloroethane

This affected the following samples:

TP-7 (1-3)
TP-7 (1-3)

S904808-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

2-Butanone (MEK)
Acetone
Ethanol
Tetrahydrofuran

This affected the following samples:

TP-12 (2-4)
TP-5 (1-3)
TP-6 (1-3)

SW846 8260B

Samples:

S904832-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
2-Chlorotoluene
Acetone
o-Xylene
sec-Butylbenzene

This affected the following samples:

TP-10 (1-3)
TP-11 (2-4)
TP-8 (0-2)

S904960-CCV1

Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria

1,1,2-Trichlorotrifluoroethane (Freon 113)
1,3-Dichlorobenzene
4-Chlorotoluene
Acetone
o-Xylene
sec-Butylbenzene

This affected the following samples:

GW-TP-7

SA95203-05 *TP-8 (0-2)*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SA95203-10 *GW-TP-7*

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

Toluene-d8

SW846 8270C

Laboratory Control Samples:

9051611-BS1

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

Phenol

9051711-BS1

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

2,4-Dinitrophenol
4,6-Dinitro-2-methylphenol
Aniline

SW846 8270C

Spikes:

9051711-MS1 *Source: SA95248-01*

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

2,4,6-Tribromophenol

Duplicates:

9051611-DUP1 *Source: SA95070-22*

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

Benzo (b) fluoranthene
Benzo (k) fluoranthene
Chrysene
Fluoranthene
Pyrene

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-4 (2-4)	107307-3704-210	Soil	20-May-09 07:45	21-May-09
SA95203-01				

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.27 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.8	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	83.5		µg/kg dry	57.9	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.6	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.6	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.9	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	57.9	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-4 (2-4) SA95203-01	107307-3704-210	Soil	20-May-09 07:45	21-May-09

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: 6.27 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	SW846 8260B	22-May-09	22-May-09	9051619	X
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.6	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.9	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.9	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	116	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2320	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	786	2	SW846 8270C	26-May-09	27-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	786	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	786	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	786	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	786	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	786	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	786	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	965		µg/kg dry	786	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,080		µg/kg dry	786	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,460		µg/kg dry	786	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	786	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	786	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	786	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	786	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-4 (2-4) SA95203-01	107307-3704-210	Soil	20-May-09 07:45	21-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	786	2	SW846 8270C	26-May-09	27-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	786	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	786	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	786	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	786	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	786	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	786	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	786	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	786	2	"	"	"	"	X
218-01-9	Chrysene	1,290		µg/kg dry	786	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	786	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	786	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	786	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	786	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	786	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	786	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	786	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	786	2	"	"	"	"	X
206-44-0	Fluoranthene	1,600		µg/kg dry	786	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	786	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	786	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	786	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	786	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	786	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	786	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	786	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	786	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	786	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	786	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	786	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	786	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	786	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3140	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3140	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	786	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	786	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-4 (2-4)	107307-3704-210	Soil	20-May-09 07:45	21-May-09
SA95203-01				

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											
Prepared by method SW846 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	786	2	SW846 8270C	26-May-09	27-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	786	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	786	2	"	"	"	"	X
129-00-0	Pyrene	1,630		µg/kg dry	786	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	786	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	786	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	786	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*46*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*87*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.9	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.9	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.9	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.9	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.9	1	"	"	"	"	X
11097-69-1	Aroclor-1254	77.7		µg/kg dry	22.9	1	"	"	"	"	X
11096-82-5	Aroclor-1260	46.9		µg/kg dry	22.9	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.9	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.9	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	15.8	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.8	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.8	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.8	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	15.8	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	15.8	1	"	"	"	"	
	Unidentified	257		mg/kg dry	15.8	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	15.8	1	"	"	"	"	
	Total Petroleum Hydrocarbons	257		mg/kg dry	15.8	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	257		mg/kg dry	15.8	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*117*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-4 (2-4) SA95203-01	107307-3704-210	Soil	20-May-09 07:45	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	43.6		mg/kg dry	1.69	1	"	"	"	"	X
7440-39-3	Barium	83.3		mg/kg dry	1.13	1	"	"	"	"	X
7440-43-9	Cadmium	1.80		mg/kg dry	0.565	1	"	"	"	"	X
7440-47-3	Chromium	24.3		mg/kg dry	1.13	1	"	"	"	"	X
7439-97-6	Mercury	0.302		mg/kg dry	0.0314	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	760		mg/kg dry	1.69	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	0.0133		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.0923		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0195		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	83.3		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-5 (1-3) SA95203-02	107307-3704-210	Soil	20-May-09 08:20	21-May-09

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	21-May-09	21-May-09	9051588	
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	7.5	1	SW846 8260B	22-May-09	26-May-09	9051732	X
67-64-1	Acetone	142		µg/kg dry	75.2	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	15.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.2	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	37.6	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	15.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.0	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	15.0	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	15.0	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	75.2	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	75.2	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	75.2	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-5 (1-3) SA95203-02	107307-3704-210	Soil	20-May-09 08:20	21-May-09

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	7.5	1	SW846 8260B	22-May-09	26-May-09	9051732	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	15.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.2	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	75.2	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	150	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	37.6	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3010	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	537	1	SW846 8270C	26-May-09	27-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	537	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	537	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	537	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	537	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	537	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	537	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	537	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	537	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	565		µg/kg dry	537	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	537	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	537	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	537	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	537	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-5 (1-3)	107307-3704-210	Soil	20-May-09 08:20	21-May-09
SA95203-02				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	537	1	SW846 8270C	26-May-09	27-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	537	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	537	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	537	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	537	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	537	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	537	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	537	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	537	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	537	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	537	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	537	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	537	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	537	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	537	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	537	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	537	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	537	1	"	"	"	"	X
206-44-0	Fluoranthene	612		µg/kg dry	537	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	537	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	537	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	537	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	537	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	537	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	537	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	537	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	537	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	537	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	537	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	537	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	537	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	537	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2150	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2150	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	537	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	537	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-5 (1-3)	107307-3704-210	Soil	20-May-09 08:20	21-May-09
SA95203-02				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	537	1	SW846 8270C	26-May-09	27-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	537	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	537	1	"	"	"	"	X
129-00-0	Pyrene	612		µg/kg dry	537	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	537	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	537	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	537	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*74*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*102*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	25.7	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	25.7	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	25.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	25.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	25.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	25.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	25.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	25.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	25.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*118*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	21.6	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	21.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	21.6	1	"	"	"	"	
	Unidentified	130		mg/kg dry	21.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	21.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	130		mg/kg dry	21.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	130		mg/kg dry	21.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*114*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-5 (1-3) SA95203-02	107307-3704-210	Soil	20-May-09 08:20	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.83	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	44.7		mg/kg dry	1.83	1	"	"	"	"	X
7440-39-3	Barium	106		mg/kg dry	1.22	1	"	"	"	"	X
7440-43-9	Cadmium	2.08		mg/kg dry	0.610	1	"	"	"	"	X
7440-47-3	Chromium	23.3		mg/kg dry	1.22	1	"	"	"	"	X
7439-97-6	Mercury	0.229		mg/kg dry	0.0382	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	750		mg/kg dry	1.83	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	2.41		mg/kg dry	1.83	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	0.0044		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.0784		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0306		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	73.5		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-6 (1-3) SA95203-03	107307-3704-210	Soil	20-May-09 08:55	21-May-09

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)					Initial weight: 6.22 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	9.2	1	SW846 8260B	22-May-09	26-May-09	9051732	X
67-64-1	Acetone	183		µg/kg dry	92.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.2	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	9.2	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	18.4	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	92.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	46.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	18.4	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	9.2	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	18.4	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	18.4	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.2	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	18.4	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	92.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	92.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	92.0	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	9.2	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-6 (1-3) SA95203-03	107307-3704-210	Soil	20-May-09 08:55	21-May-09

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: 6.22 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.2	1	SW846 8260B	22-May-09	26-May-09	9051732	X
100-42-5	Styrene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.2	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.2	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	18.4	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	9.2	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	92.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	92.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	184	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	46.0	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3680	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	513	1	SW846 8270C	26-May-09	27-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	513	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	513	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	513	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	513	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	513	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	513	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	513	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	513	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	513	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	513	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	513	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	513	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	513	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-6 (1-3) SA95203-03	107307-3704-210	Soil	20-May-09 08:55	21-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	513	1	SW846 8270C	26-May-09	27-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	513	1	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	513	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	513	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	513	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	513	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	513	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	513	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	513	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	513	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	513	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	513	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	513	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	513	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	513	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	513	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	513	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	513	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	513	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	513	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	513	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	513	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	513	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	513	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	513	1	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	513	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	513	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	513	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	513	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	513	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	513	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	513	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2050	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2050	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	513	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	513	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-6 (1-3) SA95203-03	107307-3704-210	Soil	20-May-09 08:55	21-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	513	1	SW846 8270C	26-May-09	27-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	513	1	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	513	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	513	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	513	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	513	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	513	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*47*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*89*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	30.4	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	30.4	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	30.4	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	30.4	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	30.4	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	20.7	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	20.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	20.7	1	"	"	"	"	
	Unidentified	40.8		mg/kg dry	20.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	20.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	40.8		mg/kg dry	20.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	40.8		mg/kg dry	20.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-6 (1-3) SA95203-03	107307-3704-210	Soil	20-May-09 08:55	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.25	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	9.60		mg/kg dry	2.25	1	"	"	"	"	X
7440-39-3	Barium	84.3		mg/kg dry	1.50	1	"	"	"	"	X
7440-43-9	Cadmium	0.915		mg/kg dry	0.750	1	"	"	"	"	X
7440-47-3	Chromium	19.6		mg/kg dry	1.50	1	"	"	"	"	X
7439-97-6	Mercury	0.333		mg/kg dry	0.0427	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	107		mg/kg dry	2.25	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	4.45		mg/kg dry	2.25	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.0482		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	63.5		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-7 (1-3)	107307-3704-210	Soil	20-May-09 09:35	21-May-09
SA95203-04				

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.69 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	177	100	SW846 8260B	26-May-09	26-May-09	9051757	X
67-64-1	Acetone	BRL		µg/kg dry	1770	100	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	177	100	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	177	100	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	177	100	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	177	100	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	177	100	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	354	100	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1770	100	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	885	100	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	177	100	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	354	100	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	177	100	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	354	100	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	177	100	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	177	100	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	354	100	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	177	100	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	177	100	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	177	100	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	354	100	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	177	100	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	177	100	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	177	100	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	177	100	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	177	100	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	177	100	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	177	100	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	177	100	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	177	100	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	177	100	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1770	100	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
99-87-6	4-Isopropyltoluene	370		µg/kg dry	177	100	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	177	100	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1770	100	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	1770	100	"	"	"	"	X
91-20-3	Naphthalene	10,100		µg/kg dry	177	100	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-7 (1-3) SA95203-04	107307-3704-210	Soil	20-May-09 09:35	21-May-09

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 5030 Soil (high level)						Initial weight: 15.69 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	177	100	SW846 8260B	26-May-09	26-May-09	9051757	X
100-42-5	Styrene	BRL		µg/kg dry	177	100	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	177	100	"	"	"	"	X
108-88-3	Toluene	343		µg/kg dry	177	100	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	177	100	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	177	100	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	177	100	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	177	100	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	177	100	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	177	100	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	177	100	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	354	100	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	177	100	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1770	100	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	177	100	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	177	100	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	177	100	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	177	100	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1770	100	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	3540	100	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	885	100	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	70800	100	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*92*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	1,260		µg/kg dry	929	2	SW846 8270C	26-May-09	27-May-09	9051711	X
208-96-8	Acenaphthylene	1,250		µg/kg dry	929	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	929	2	"	"	"	"	X
120-12-7	Anthracene	1,840		µg/kg dry	929	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	929	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	929	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	929	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	5,250		µg/kg dry	929	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	4,870		µg/kg dry	929	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	8,590		µg/kg dry	929	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	2,180		µg/kg dry	929	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	4,410		µg/kg dry	929	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	929	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	929	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-7 (1-3)	107307-3704-210	Soil	20-May-09 09:35	21-May-09
SA95203-04				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	929	2	SW846 8270C	26-May-09	27-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	929	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	929	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	929	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	929	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	929	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	929	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	929	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	929	2	"	"	"	"	X
218-01-9	Chrysene	6,470		µg/kg dry	929	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	1,050		µg/kg dry	929	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	929	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	929	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	929	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	929	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	929	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	929	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	929	2	"	"	"	"	X
206-44-0	Fluoranthene	8,640		µg/kg dry	929	2	"	"	"	"	X
86-73-7	Fluorene	1,240		µg/kg dry	929	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	929	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	929	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	929	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	2,540		µg/kg dry	929	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	929	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	929	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	1,080		µg/kg dry	929	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	929	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	929	2	"	"	"	"	X
91-20-3	Naphthalene	3,530		µg/kg dry	929	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	929	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	929	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3720	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3720	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	929	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	929	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-7 (1-3)	107307-3704-210	Soil	20-May-09 09:35	21-May-09
SA95203-04				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	929	2	SW846 8270C	26-May-09	27-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
85-01-8	Phenanthrene	5,160		µg/kg dry	929	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	929	2	"	"	"	"	X
129-00-0	Pyrene	8,200		µg/kg dry	929	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	929	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	929	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	929	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*73*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*91*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	alpha-BHC	BRL		µg/kg dry	9.85	1	SW846 8081A	22-May-09	22-May-09	9051599	X
319-85-7	beta-BHC	BRL		µg/kg dry	9.85	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/kg dry	9.85	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/kg dry	9.85	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/kg dry	9.85	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/kg dry	9.85	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/kg dry	9.85	1	"	"	"	"	X
959-98-8	Endosulfan I	BRL		µg/kg dry	9.85	1	"	"	"	"	X
60-57-1	Dieldrin	BRL		µg/kg dry	7.49	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	9.85	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/kg dry	9.85	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/kg dry	14.8	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	14.8	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/kg dry	14.8	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	14.8	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/kg dry	14.8	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/kg dry	14.8	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/kg dry	14.8	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/kg dry	9.85	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/kg dry	9.85	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/kg dry	197	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/kg dry	24.6	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/kg dry	9.85	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	14.1	1	SW846 8082	22-May-09	22-May-09	9051594	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
TP-7 (1-3)	107307-3704-210	Soil	20-May-09 09:35	21-May-09
SA95203-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
11104-28-2	Aroclor-1221	BRL		µg/kg dry	14.1	1	SW846 8082	22-May-09	22-May-09	9051594	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	14.1	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	14.1	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	14.1	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	14.1	1	"	"	"	"	X
11096-82-5	Aroclor-1260	92.5		µg/kg dry	14.1	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	14.1	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	14.1	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*112*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3550B											
93-76-5	2,4,5-T	BRL		µg/kg dry	6.70	1	SW846 8151A	22-May-09	26-May-09	9051603	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/kg dry	6.70	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/kg dry	6.70	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/kg dry	6.70	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/kg dry	6.70	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/kg dry	6.70	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/kg dry	670	1	"	"	"	"	X
94-81-5	MCPB	BRL		µg/kg dry	670	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/kg dry	670	1	"	"	"	"	X
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	18.7	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	18.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	18.7	1	"	"	"	"	
	Unidentified	643		mg/kg dry	18.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	18.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	643		mg/kg dry	18.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	643		mg/kg dry	18.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*126*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.88	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	48.9		mg/kg dry	1.88	1	"	"	"	"	X
7440-39-3	Barium	91.1		mg/kg dry	1.25	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/kg dry	0.627	1	"	"	"	"	X
7440-43-9	Cadmium	3.09		mg/kg dry	0.627	1	"	"	"	"	X
7440-47-3	Chromium	28.6		mg/kg dry	1.25	1	"	"	"	"	X
7440-50-8	Copper	181		mg/kg dry	1.25	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-7 (1-3)	107307-3704-210	Soil	20-May-09 09:35	21-May-09
SA95203-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.220		mg/kg dry	0.0389	1	SW846 7471A	27-May-09	29-May-09	9051674	X
7440-02-0	Nickel	39.2		mg/kg dry	1.25	1	SW846 6010B	"	28-May-09	9051672	X
7439-92-1	Lead	320		mg/kg dry	1.88	1	"	"	"	"	X
7440-36-0	Antimony	4.06		mg/kg dry	3.76	1	"	"	"	"	X
7782-49-2	Selenium	2.20		mg/kg dry	1.88	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/kg dry	3.76	1	"	"	"	"	X
7440-62-2	Vanadium	81.4		mg/kg dry	1.88	1	"	"	"	"	X
7440-66-6	Zinc	348		mg/kg dry	1.57	1	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-May-09	22-May-09	9051673	X
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1311/6010B	26-May-09	27-May-09	9051748	X
7440-38-2	Arsenic	0.140		mg/l	0.0050	1	"	"	"	"	X
7440-39-3	Barium	0.859		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0117		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0125	1	"	"	"	"	X
7440-50-8	Copper	0.158		mg/l	0.0050	1	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	"	27-May-09	9051750	X
7440-02-0	Nickel	0.0778		mg/l	0.0050	1	SW846 1311/6010B	"	27-May-09	9051748	X
7439-92-1	Lead	0.346		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	0.0083	V11	mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	0.0068		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	1.53		mg/l	0.0050	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	0.0254		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.0620		mg/l	0.0050	1	"	"	"	"	
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-50-8	Copper	0.0118		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7440-02-0	Nickel	BRL		mg/l	0.0050	1	SW846 1312/6010B	"	28-May-09	9051744	
7439-92-1	Lead	0.0094		mg/l	0.0075	1	"	"	"	"	
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
7440-28-0	Thallium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-62-2	Vanadium	0.0058		mg/l	0.0050	1	"	"	"	"	
7440-66-6	Zinc	0.0190		mg/l	0.0050	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	70.6		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	
Toxicity Characteristics											
	Ignitability by Definition	Negative	IgHT	N/A		1	SW846 1030	22-May-09 19:30	22-May-09 19:30	9051622	X
	pH	6.42	pH	pH Units		1	SW846 9045C	22-May-09 10:03	22-May-09 11:50	9051629	X
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactivity	Nonreactive		mg/kg dry		1	SW846 Ch. 7.3	26-May-09	26-May-09	9051844	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
TP-7 (1-3) SA95203-04	107307-3704-210	Soil	20-May-09 09:35	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Toxicity Characteristics											
Reactivity Cyanide/Sulfide											
Prepared by method General Preparation											
	Reactive Cyanide	BRL		mg/kg dry	24.9	1	SW846 Ch. 7.3	26-May-09	26-May-09	9051844	X
	Reactive Sulfide	BRL		mg/kg dry	49.7	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-8 (0-2) SA95203-05	107307-3704-210	Soil	20-May-09 11:00	21-May-09

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)					Initial weight: 16.42 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	99.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	994	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	99.4	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	99.4	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	199	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	994	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	497	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	199	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	99.4	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	199	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	199	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	99.4	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	199	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	994	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	130		µg/kg dry	99.4	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	994	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	994	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	99.4	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-8 (0-2) SA95203-05	107307-3704-210	Soil	20-May-09 11:00	21-May-09

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: 16.42 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	99.4	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-88-3	Toluene	181		µg/kg dry	99.4	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	99.4	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	99.4	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	99.4	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	199	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	99.4	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	994	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	99.4	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	99.4	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	99.4	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	99.4	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	994	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1990	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	497	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	39800	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*78*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*72*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*75*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1030	2	SW846 8270C	26-May-09	28-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	1030	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	1030	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	1030	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	1030	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1030	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	1030	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1030	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1030	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1030	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1030	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1030	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	1030	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1030	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-8 (0-2)	107307-3704-210	Soil	20-May-09 11:00	21-May-09
SA95203-05				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1030	2	SW846 8270C	26-May-09	28-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1030	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1030	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1030	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	1030	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1030	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1030	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1030	2	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	1030	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1030	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	1030	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1030	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1030	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1030	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1030	2	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	1030	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	1030	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1030	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1030	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	1030	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1030	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1030	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	1030	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1030	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	1030	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1030	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1030	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	4110	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	4110	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1030	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1030	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-8 (0-2)	107307-3704-210	Soil	20-May-09 11:00	21-May-09
SA95203-05				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1030	2	SW846 8270C	26-May-09	28-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	1030	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	1030	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	1030	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1030	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	1030	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*62*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*42*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	30.4	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	30.4	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	30.4	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11096-82-5	Aroclor-1260	36.5		µg/kg dry	30.4	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	30.4	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	30.4	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	20.7	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.7	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.7	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.7	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	20.7	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	20.7	1	"	"	"	"	
	Unidentified	264		mg/kg dry	20.7	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	20.7	1	"	"	"	"	
	Total Petroleum Hydrocarbons	264		mg/kg dry	20.7	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	264		mg/kg dry	20.7	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-8 (0-2) SA95203-05	107307-3704-210	Soil	20-May-09 11:00	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.29	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	5.21		mg/kg dry	2.29	1	"	"	"	"	X
7440-39-3	Barium	81.2		mg/kg dry	1.53	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.764	1	"	"	"	"	X
7440-47-3	Chromium	21.2		mg/kg dry	1.53	1	"	"	"	"	X
7439-97-6	Mercury	0.116		mg/kg dry	0.0422	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	70.0		mg/kg dry	2.29	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	2.82		mg/kg dry	2.29	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.177		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	64.0		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-9 (3-6) SA95203-06	107307-3704-210	Soil	20-May-09 11:20	21-May-09

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.12 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
67-64-1	Acetone	96.2		µg/kg dry	85.8	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.6	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	8.6	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	17.2	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	85.8	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	42.9	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	17.2	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	8.6	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	17.2	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.2	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.6	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.2	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	85.8	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	85.8	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	85.8	1	"	"	"	"	X
91-20-3	Naphthalene	60.2		µg/kg dry	8.6	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-9 (3-6) SA95203-06	107307-3704-210	Soil	20-May-09 11:20	21-May-09

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: 6.12 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.6	1	SW846 8260B	22-May-09	22-May-09	9051619	X
100-42-5	Styrene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.6	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.6	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.6	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	17.2	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	8.6	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	85.8	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.6	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	85.8	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	172	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	42.9	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3430	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	7,810		µg/kg dry	2440	5	SW846 8270C	26-May-09	28-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	2440	5	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	2440	5	"	"	"	"	X
120-12-7	Anthracene	13,100		µg/kg dry	2440	5	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	2440	5	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	2440	5	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	2440	5	"	"	"	"	X
56-55-3	Benzo (a) anthracene	28,800		µg/kg dry	2440	5	"	"	"	"	X
50-32-8	Benzo (a) pyrene	25,800		µg/kg dry	2440	5	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	30,700		µg/kg dry	2440	5	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	11,200		µg/kg dry	2440	5	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	23,000		µg/kg dry	2440	5	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	2440	5	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	2440	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-9 (3-6)	107307-3704-210	Soil	20-May-09 11:20	21-May-09
SA95203-06				

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	2440	5	SW846 8270C	26-May-09	28-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	2440	5	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	2440	5	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	2440	5	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
86-74-8	Carbazole	6,630		µg/kg dry	2440	5	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	2440	5	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	2440	5	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	2440	5	"	"	"	"	X
218-01-9	Chrysene	25,700		µg/kg dry	2440	5	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	5,770		µg/kg dry	2440	5	"	"	"	"	X
132-64-9	Dibenzofuran	3,490		µg/kg dry	2440	5	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	2440	5	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	2440	5	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	2440	5	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	2440	5	"	"	"	"	X
206-44-0	Fluoranthene	42,200		µg/kg dry	2440	5	"	"	"	"	X
86-73-7	Fluorene	6,800		µg/kg dry	2440	5	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2440	5	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	2440	5	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	2440	5	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	12,600		µg/kg dry	2440	5	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	2440	5	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	2440	5	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	2440	5	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
91-20-3	Naphthalene	3,230		µg/kg dry	2440	5	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	2440	5	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	2440	5	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	9760	5	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	9760	5	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	2440	5	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	2440	5	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-9 (3-6) SA95203-06	107307-3704-210	Soil	20-May-09 11:20	21-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	2440	5	SW846 8270C	26-May-09	28-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
85-01-8	Phenanthrene	39,500		µg/kg dry	2440	5	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
129-00-0	Pyrene	37,800		µg/kg dry	2440	5	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	2440	5	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	2440	5	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	2440	5	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*70*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*62*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*77*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	29.2	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	29.2	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	29.2	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	29.2	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	29.2	1	"	"	"	"	X
11097-69-1	Aroclor-1254	434		µg/kg dry	29.2	1	"	"	"	"	X
11096-82-5	Aroclor-1260	157		µg/kg dry	29.2	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	29.2	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	29.2	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	98.4	5	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	98.4	5	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	98.4	5	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	98.4	5	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	98.4	5	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	98.4	5	"	"	"	"	
	Unidentified	2,300		mg/kg dry	98.4	5	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	98.4	5	"	"	"	"	
	Total Petroleum Hydrocarbons	2,300		mg/kg dry	98.4	5	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	2,300		mg/kg dry	98.4	5	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-9 (3-6) SA95203-06	107307-3704-210	Soil	20-May-09 11:20	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.97	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	10.7		mg/kg dry	1.97	1	"	"	"	"	X
7440-39-3	Barium	338		mg/kg dry	1.31	1	"	"	"	"	X
7440-43-9	Cadmium	5.01		mg/kg dry	0.656	1	"	"	"	"	X
7440-47-3	Chromium	47.6		mg/kg dry	1.31	1	"	"	"	"	X
7439-97-6	Mercury	0.174		mg/kg dry	0.0432	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	377		mg/kg dry	1.97	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	BRL		mg/kg dry	1.97	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.106		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0462		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	66.9		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-10 (1-3) SA95203-07	107307-3704-210	Soil	20-May-09 11:50	21-May-09

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)						Initial weight: 15.45 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	82.6	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	826	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	82.6	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	82.6	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	165	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	826	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	413	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	82.6	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	165	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	82.6	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	165	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	165	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	82.6	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	165	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	826	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	193		µg/kg dry	82.6	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	82.6	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	826	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	826	50	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	82.6	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-10 (1-3) SA95203-07	107307-3704-210	Soil	20-May-09 11:50	21-May-09

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 5030 Soil (high level)					Initial weight: 15.45 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	82.6	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
127-18-4	Tetrachloroethene	297		µg/kg dry	82.6	50	"	"	"	"	X
108-88-3	Toluene	597		µg/kg dry	82.6	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
79-01-6	Trichloroethene	132		µg/kg dry	82.6	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	82.6	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	82.6	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	82.6	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	165	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	82.6	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	826	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	82.6	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	82.6	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	82.6	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	82.6	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	826	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1650	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	413	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	33100	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*76*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*75*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*74*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	881	2	SW846 8270C	26-May-09	28-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	881	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	881	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	881	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	881	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	881	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	881	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	1,130		µg/kg dry	881	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,180		µg/kg dry	881	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,030		µg/kg dry	881	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	881	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	952		µg/kg dry	881	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	881	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	881	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-10 (1-3) SA95203-07	107307-3704-210	Soil	20-May-09 11:50	21-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	881	2	SW846 8270C	26-May-09	28-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	881	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	881	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	881	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	881	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	881	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	881	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	881	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	881	2	"	"	"	"	X
218-01-9	Chrysene	1,500		µg/kg dry	881	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	881	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	881	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	881	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	881	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	881	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	881	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	881	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	881	2	"	"	"	"	X
206-44-0	Fluoranthene	1,900		µg/kg dry	881	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	881	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	881	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	881	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	881	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	881	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	881	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	881	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	881	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	881	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	881	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	881	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	881	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	881	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3520	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3520	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	881	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	881	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-10 (1-3) SA95203-07	107307-3704-210	Soil	20-May-09 11:50	21-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	881	2	SW846 8270C	26-May-09	28-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
85-01-8	Phenanthrene	1,100		µg/kg dry	881	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	881	2	"	"	"	"	X
129-00-0	Pyrene	2,290		µg/kg dry	881	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	881	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	881	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	881	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*73*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*54*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*66*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*45*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*89*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	26.5	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	26.5	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	26.5	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	26.5	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	26.5	1	"	"	"	"	X
11097-69-1	Aroclor-1254	68.2		µg/kg dry	26.5	1	"	"	"	"	X
11096-82-5	Aroclor-1260	37.9		µg/kg dry	26.5	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	26.5	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	26.5	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*101*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	35.5	2	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.5	2	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.5	2	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.5	2	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	35.5	2	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	35.5	2	"	"	"	"	
	Unidentified	551		mg/kg dry	35.5	2	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	35.5	2	"	"	"	"	
	Total Petroleum Hydrocarbons	551		mg/kg dry	35.5	2	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	551		mg/kg dry	35.5	2	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-10 (1-3) SA95203-07	107307-3704-210	Soil	20-May-09 11:50	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.75	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	7.84		mg/kg dry	1.75	1	"	"	"	"	X
7440-39-3	Barium	426		mg/kg dry	1.17	1	"	"	"	"	X
7440-43-9	Cadmium	16.1		mg/kg dry	0.584	1	"	"	"	"	X
7440-47-3	Chromium	19.7		mg/kg dry	1.17	1	"	"	"	"	X
7439-97-6	Mercury	0.225		mg/kg dry	0.0388	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	1,220		mg/kg dry	1.75	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	2.95		mg/kg dry	1.75	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.165		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0760		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	74.3		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-11 (2-4)	107307-3704-210	Soil	20-May-09 12:30	21-May-09
SA95203-08				

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)					Initial weight: 15.91 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	79.0	50	SW846 8260B	27-May-09	27-May-09	9051889	X
67-64-1	Acetone	BRL		µg/kg dry	790	50	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	79.0	50	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	79.0	50	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	158	50	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	790	50	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	395	50	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	158	50	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	79.0	50	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	158	50	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	158	50	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	79.0	50	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	158	50	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	790	50	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
99-87-6	4-Isopropyltoluene	155		µg/kg dry	79.0	50	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	790	50	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	790	50	"	"	"	"	X
91-20-3	Naphthalene	894		µg/kg dry	79.0	50	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-11 (2-4) SA95203-08	107307-3704-210	Soil	20-May-09 12:30	21-May-09

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 5030 Soil (high level)					Initial weight: 15.91 g						
103-65-1	n-Propylbenzene	BRL		µg/kg dry	79.0	50	SW846 8260B	27-May-09	27-May-09	9051889	X
100-42-5	Styrene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-88-3	Toluene	316		µg/kg dry	79.0	50	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	79.0	50	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	79.0	50	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	79.0	50	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	158	50	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	79.0	50	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	790	50	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	79.0	50	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	79.0	50	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	79.0	50	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	79.0	50	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	790	50	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1580	50	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	395	50	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	31600	50	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*77*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*79*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*78*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	874	2	SW846 8270C	26-May-09	28-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	874	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	874	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	874	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	874	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	874	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	874	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	874	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	874	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	950		µg/kg dry	874	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	874	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	874	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	874	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	874	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-11 (2-4) SA95203-08	107307-3704-210	Soil	20-May-09 12:30	21-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	874	2	SW846 8270C	26-May-09	28-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	874	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	874	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	874	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	874	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	874	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	874	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	874	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	874	2	"	"	"	"	X
218-01-9	Chrysene	885		µg/kg dry	874	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	874	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	874	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	874	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	874	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	874	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	874	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	874	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	874	2	"	"	"	"	X
206-44-0	Fluoranthene	1,540		µg/kg dry	874	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	874	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	874	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	874	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	874	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	874	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	874	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	874	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	874	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	874	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	874	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	874	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	874	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	874	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3500	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3500	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	874	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	874	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-11 (2-4)	107307-3704-210	Soil	20-May-09 12:30	21-May-09
SA95203-08				

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	874	2	SW846 8270C	26-May-09	28-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	874	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	874	2	"	"	"	"	X
129-00-0	Pyrene	1,460		µg/kg dry	874	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	874	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	874	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	874	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*79*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*95*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.8	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.8	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.8	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.8	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.8	1	"	"	"	"	X
11097-69-1	Aroclor-1254	288		µg/kg dry	24.8	1	"	"	"	"	X
11096-82-5	Aroclor-1260	89.6		µg/kg dry	24.8	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.8	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.8	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*94*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	17.6	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.6	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.6	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.6	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	17.6	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	17.6	1	"	"	"	"	
	Unidentified	278		mg/kg dry	17.6	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	17.6	1	"	"	"	"	
	Total Petroleum Hydrocarbons	278		mg/kg dry	17.6	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	278		mg/kg dry	17.6	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-11 (2-4) SA95203-08	107307-3704-210	Soil	20-May-09 12:30	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.79	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	7.42		mg/kg dry	1.79	1	"	"	"	"	X
7440-39-3	Barium	145		mg/kg dry	1.19	1	"	"	"	"	X
7440-43-9	Cadmium	1.76		mg/kg dry	0.596	1	"	"	"	"	X
7440-47-3	Chromium	27.3		mg/kg dry	1.19	1	"	"	"	"	X
7439-97-6	Mercury	0.382		mg/kg dry	0.0386	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	144		mg/kg dry	1.79	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	2.68		mg/kg dry	1.79	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-09	22-May-09	9051669	
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 1312/6010B	27-May-09	28-May-09	9051744	
7440-38-2	Arsenic	0.0048		mg/l	0.0040	1	"	"	"	"	
7440-39-3	Barium	0.0896		mg/l	0.0050	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-May-09	9051746	
7439-92-1	Lead	0.0124		mg/l	0.0075	1	SW846 1312/6010B	"	28-May-09	9051744	
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	75.3		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-12 (2-4) SA95203-09	107307-3704-210	Soil	20-May-09 13:15	21-May-09

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	21-May-09	21-May-09	9051588	
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.94 g					
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.5	1	SW846 8260B	22-May-09	26-May-09	9051732	X
67-64-1	Acetone	58.1		µg/kg dry	54.6	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.3	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.9	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.9	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	54.6	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	54.6	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-12 (2-4) SA95203-09	107307-3704-210	Soil	20-May-09 13:15	21-May-09

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: 6.94 g					
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW846 8260B	22-May-09	26-May-09	9051732	X
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	10.9	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.6	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	54.6	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	109	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	27.3	1	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2180	1	"	"	"	"	
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	799	2	SW846 8270C	26-May-09	28-May-09	9051711	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	799	2	"	"	"	"	X
62-53-3	Aniline	BRL		µg/kg dry	799	2	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/kg dry	799	2	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/kg dry	799	2	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	799	2	"	"	"	"	
92-87-5	Benzidine	BRL		µg/kg dry	799	2	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	799	2	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	799	2	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	799	2	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	799	2	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	799	2	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/kg dry	799	2	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/kg dry	799	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-12 (2-4) SA95203-09	107307-3704-210	Soil	20-May-09 13:15	21-May-09

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 3545A											
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	799	2	SW846 8270C	26-May-09	28-May-09	9051711	X
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	799	2	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	799	2	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	2,570		µg/kg dry	799	2	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	799	2	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	799	2	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/kg dry	799	2	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	799	2	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/kg dry	799	2	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	799	2	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	799	2	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	799	2	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	799	2	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/kg dry	799	2	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	799	2	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/kg dry	799	2	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	799	2	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	799	2	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	799	2	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	799	2	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	799	2	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	799	2	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	799	2	"	"	"	"	X
206-44-0	Fluoranthene	918		µg/kg dry	799	2	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	799	2	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	799	2	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	799	2	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/kg dry	799	2	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	799	2	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	799	2	"	"	"	"	
78-59-1	Isophorone	BRL		µg/kg dry	799	2	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	799	2	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/kg dry	799	2	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/kg dry	799	2	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	799	2	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/kg dry	799	2	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/kg dry	799	2	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3200	2	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3200	2	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	799	2	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	799	2	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-12 (2-4) SA95203-09	107307-3704-210	Soil	20-May-09 13:15	21-May-09

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 3545A											
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	799	2	SW846 8270C	26-May-09	28-May-09	9051711	X
87-86-5	Pentachlorophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	799	2	"	"	"	"	X
108-95-2	Phenol	BRL		µg/kg dry	799	2	"	"	"	"	X
129-00-0	Pyrene	1,050		µg/kg dry	799	2	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/kg dry	799	2	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	799	2	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	799	2	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*42*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*82*		*15-110 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.7	1	SW846 8082	22-May-09	22-May-09	9051594	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.7	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.7	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.7	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.7	1	"	"	"	"	X
11097-69-1	Aroclor-1254	640		µg/kg dry	23.7	1	"	"	"	"	X
11096-82-5	Aroclor-1260	155		µg/kg dry	23.7	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.7	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.7	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3545A											
8006-61-9	Gasoline	BRL		mg/kg dry	16.1	1	+CT ETPH	26-May-09	27-May-09	9051710	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.1	1	"	"	"	"	
M09800000	Motor Oil	Calculated as		mg/kg dry	16.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/kg dry	16.1	1	"	"	"	"	
	Unidentified	564		mg/kg dry	16.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	16.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	564		mg/kg dry	16.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	564		mg/kg dry	16.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*78*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TP-12 (2-4) SA95203-09	107307-3704-210	Soil	20-May-09 13:15	21-May-09

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	27-May-09	28-May-09	9051672	X
7440-38-2	Arsenic	21.8		mg/kg dry	1.61	1	"	"	"	"	X
7440-39-3	Barium	1,020		mg/kg dry	1.07	1	"	"	"	"	X
7440-43-9	Cadmium	24.9		mg/kg dry	0.537	1	"	"	"	"	X
7440-47-3	Chromium	242		mg/kg dry	1.07	1	"	"	"	"	X
7439-97-6	Mercury	0.286		mg/kg dry	0.0361	1	SW846 7471A	"	29-May-09	9051674	X
7439-92-1	Lead	2,070		mg/kg dry	1.61	1	SW846 6010B	"	28-May-09	9051672	X
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-May-09	26-May-09	9051822	
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	28-May-09	29-May-09	9051855	
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	
7440-39-3	Barium	0.127		mg/l	0.0100	1	"	"	"	"	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	28-May-09	28-May-09	9052012	
7439-92-1	Lead	0.0549		mg/l	0.0150	1	SW846 1312/6010B	28-May-09	29-May-09	9051855	
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	
General Chemistry Parameters											
	% Solids	82.2		%		1	SM2540 G Mod.	22-May-09	22-May-09	9051642	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

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 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	29-May-09	29-May-09	9052117	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	X
91-20-3	Naphthalene	8.5		µg/l	1.0	1	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

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 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	29-May-09	29-May-09	9052117	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*69*	SGC	*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*82*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*81*		*70-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.38	1	SW846 8270C	22-May-09	26-May-09	9051611	X
208-96-8	Acenaphthylene	BRL		µg/l	5.38	1	"	"	"	"	X
62-53-3	Aniline	BRL		µg/l	5.38	1	"	"	"	"	X
120-12-7	Anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
1912-24-9	Atrazine	BRL		µg/l	5.38	1	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.38	1	"	"	"	"	
92-87-5	Benzidine	BRL		µg/l	5.38	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.38	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
65-85-0	Benzoic acid	BRL		µg/l	5.38	1	"	"	"	"	X
100-51-6	Benzyl alcohol	BRL		µg/l	5.38	1	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.38	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

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 3510C											
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.38	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-60-1	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.38	1	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	5.56		µg/l	5.38	1	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
86-74-8	Carbazole	BRL		µg/l	5.38	1	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
106-47-8	4-Chloroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-57-8	2-Chlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	5.38	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.38	1	"	"	"	"	X
132-64-9	Dibenzofuran	BRL		µg/l	5.38	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.38	1	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-66-2	Diethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
131-11-3	Dimethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	5.38	1	"	"	"	"	X
118-74-1	Hexachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.38	1	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.38	1	"	"	"	"	X
67-72-1	Hexachloroethane	BRL		µg/l	5.38	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
78-59-1	Isophorone	BRL		µg/l	5.38	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
95-48-7	2-Methylphenol	BRL		µg/l	5.38	1	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BRL		µg/l	10.8	1	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	5.38	1	"	"	"	"	X
88-74-4	2-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
99-09-2	3-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	X
100-01-6	4-Nitroaniline	BRL		µg/l	21.5	1	"	"	"	"	X
98-95-3	Nitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
88-75-5	2-Nitrophenol	BRL		µg/l	5.38	1	"	"	"	"	X
100-02-7	4-Nitrophenol	BRL		µg/l	21.5	1	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.38	1	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.38	1	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.38	1	"	"	"	"	X
87-86-5	Pentachlorophenol	BRL		µg/l	21.5	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

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 3510C											
85-01-8	Phenanthrene	BRL		µg/l	5.38	1	SW846 8270C	22-May-09	26-May-09	9051611	X
108-95-2	Phenol	BRL		µg/l	5.38	1	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	5.38	1	"	"	"	"	X
110-86-1	Pyridine	BRL		µg/l	5.38	1	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*52*		*30-130 %*			"	"	"	"	
367-12-4	*2-Fluorophenol*	*20*		*15-110 %*			"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	
4165-62-2	*Phenol-d5*	*15*		*15-110 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*49*		*30-130 %*			"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	*64*		*15-110 %*			"	"	"	"	
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	0.731		µg/l	0.050	1	"	"	28-May-09	"	X
208-96-8	Acenaphthylene	0.086		µg/l	0.050	1	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.441		µg/l	0.050	1	"	"	"	"	
120-12-7	Anthracene	0.667		µg/l	0.050	1	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	X
206-44-0	Fluoranthene	0.129		µg/l	0.050	1	"	"	"	"	X
86-73-7	Fluorene	0.538		µg/l	0.050	1	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.591		µg/l	0.050	1	"	"	"	"	
91-20-3	Naphthalene	3.86		µg/l	0.050	1	"	"	"	"	X
85-01-8	Phenanthrene	0.656		µg/l	0.050	1	"	"	"	"	X
129-00-0	Pyrene	0.086		µg/l	0.050	1	"	"	"	"	X
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*47*		*30-130 %*			"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*50*		*30-130 %*			"	"	"	"	
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-84-6	alpha-BHC	BRL		µg/l	0.0222	1	SW846 8081A	27-May-09	28-May-09	9051864	X
319-85-7	beta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
319-86-8	delta-BHC	BRL		µg/l	0.0222	1	"	"	"	"	X
58-89-9	gamma-BHC (Lindane)	BRL		µg/l	0.0222	1	"	"	"	"	X
76-44-8	Heptachlor	BRL		µg/l	0.0222	1	"	"	"	"	X
309-00-2	Aldrin	BRL		µg/l	0.0222	1	"	"	"	"	X
1024-57-3	Heptachlor epoxide	BRL		µg/l	0.0222	1	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
959-98-8	Endosulfan I	BRL		µg/l	0.0222	1	SW846 8081A	27-May-09	28-May-09	9051864	X
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	X
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0222	1	"	"	"	"	X
72-20-8	Endrin	BRL		µg/l	0.0444	1	"	"	"	"	X
33213-65-9	Endosulfan II	BRL		µg/l	0.0444	1	"	"	"	"	X
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
1031-07-8	Endosulfan sulfate	BRL		µg/l	0.0444	1	"	"	"	"	X
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0444	1	"	"	"	"	X
72-43-5	Methoxychlor	BRL		µg/l	0.0444	1	"	"	"	"	X
53494-70-5	Endrin ketone	BRL		µg/l	0.0444	1	"	"	"	"	X
7421-93-4	Endrin aldehyde	BRL		µg/l	0.0444	1	"	"	"	"	X
5103-71-9	alpha-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
5566-34-7	gamma-Chlordane	BRL		µg/l	0.0222	1	"	"	"	"	X
8001-35-2	Toxaphene	BRL		µg/l	0.5556	1	"	"	"	"	X
57-74-9	Chlordane	BRL		µg/l	0.5556	1	"	"	"	"	X
15972-60-8	Alachlor	BRL		µg/l	0.0222	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*41*		*30-150 %*			"	"	"	"	
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	Aroclor-1016	BRL		µg/l	0.222	1	SW846 8082	26-May-09	27-May-09	9051733	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.222	1	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.222	1	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.222	1	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.222	1	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.222	1	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.222	1	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.222	1	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.222	1	"	"	"	"	X
Surrogate recoveries:											
2051-24-3	*Decachlorobiphenyl (Sr)*	*34*		*30-150 %*			"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*33*		*30-150 %*			"	"	"	"	
Chlorinated Herbicides by SW846 8151A											
Prepared by method SW846 3510C											
93-76-5	2,4,5-T	BRL		µg/l	0.100	1	SW846 8151A	27-May-09	28-May-09	9051866	X
93-72-1	2,4,5-TP (Silvex)	BRL		µg/l	0.100	1	"	"	"	"	X
94-75-7	2,4-D	BRL		µg/l	0.100	1	"	"	"	"	X
94-82-6	2,4-DB	BRL		µg/l	0.100	1	"	"	"	"	X
75-99-0	Dalapon	BRL		µg/l	0.100	1	"	"	"	"	X
1918-00-9	Dicamba	BRL		µg/l	0.100	1	"	"	"	"	X
120-36-5	Dichlorprop	BRL		µg/l	0.100	1	"	"	"	"	X
88-85-7	Dinoseb	BRL		µg/l	0.100	1	"	"	"	"	X
94-74-6	MCPA	BRL		µg/l	1.50	1	"	"	"	"	
94-81-5	MCPB	BRL		µg/l	1.50	1	"	"	"	"	
93-65-2	MCPP	BRL		µg/l	1.50	1	"	"	"	"	
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	
Extractable Petroleum Hydrocarbons											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GW-TP-7 SA95203-10	107307-3704-210	Ground Water	20-May-09 10:10	21-May-09

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 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	26-May-09	28-May-09	9051723	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	
	Unidentified	0.4		mg/l	0.1	1	"	"	"	"	
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	
	Total Petroleum Hydrocarbons	0.4		mg/l	0.1	1	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	0.4		mg/l	0.1	1	"	"	"	"	
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*50-150 %*			"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051867	X
7440-38-2	Arsenic	0.0144		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.160		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	0.0028		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	0.0136		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.0673		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.101		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	0.0130		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0182		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	0.0375		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.320		mg/l	0.0050	1	"	"	"	"	X
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9051868	X
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	26-May-09	26-May-09	9051772	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	28-May-09	29-May-09	9051782	X
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	X
7440-39-3	Barium	0.112		mg/l	0.0050	1	"	"	"	"	X
7440-41-7	Beryllium	BRL		mg/l	0.0020	1	"	"	"	"	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-50-8	Copper	0.0134		mg/l	0.0050	1	"	"	"	"	X
7440-02-0	Nickel	0.0850		mg/l	0.0050	1	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	X
7440-36-0	Antimony	BRL		mg/l	0.0060	1	"	"	"	"	X
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	X
7440-28-0	Thallium	0.0146		mg/l	0.0050	1	"	"	"	"	X
7440-62-2	Vanadium	BRL		mg/l	0.0050	1	"	"	"	"	X
7440-66-6	Zinc	0.291		mg/l	0.0050	1	"	"	"	"	X
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	28-May-09	29-May-09	9051783	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
Blank (9051619-BLK1)										
Prepared & Analyzed: 22-May-09										
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	*52.6*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/kg wet		20.0		112	70-130		
Acetone	14.2		µg/kg wet		20.0		71	40-193		
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130		
Benzene	17.1		µg/kg wet		20.0		85	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	22.8		µg/kg wet		20.0		114	70-130		
Bromomethane	15.4		µg/kg wet		20.0		77	62.9-131		
2-Butanone (MEK)	13.1		µg/kg wet		20.0		66	47-163		
n-Butylbenzene	16.9		µg/kg wet		20.0		84	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	16.2		µg/kg wet		20.0		81	70-130		
Carbon tetrachloride	18.3		µg/kg wet		20.0		91	70-130		
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
Chloroethane	14.4		µg/kg wet		20.0		72	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	12.5	QC2	µg/kg wet		20.0		62	70-130		
2-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		86	70-130		
Dibromochloromethane	20.5		µg/kg wet		20.0		103	70-130		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.5		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,4-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/kg wet		20.0		81	62.6-136		
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130		
1,3-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
2,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,1-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	16.4		µg/kg wet		20.0		82	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	17.7		µg/kg wet		20.0		88	70-130		
2-Hexanone (MBK)	13.4	QC1	µg/kg wet		20.0		67	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130		
4-Methyl-2-pentanone (MIBK)	20.2		µg/kg wet		20.0		101	70-130		
Methylene chloride	17.4		µg/kg wet		20.0		87	70-130		
Naphthalene	17.2		µg/kg wet		20.0		86	70-130		
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
Tetrachloroethene	22.8		µg/kg wet		20.0		114	70-130		
Toluene	18.4		µg/kg wet		20.0		92	70-130		
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83	70-130		
1,3,5-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130		
Trichloroethene	19.1		µg/kg wet		20.0		96	70-130		
Trichlorofluoromethane (Freon 11)	19.4		µg/kg wet		20.0		97	70-140		
1,2,3-Trichloropropane	23.1		µg/kg wet		20.0		115	70-130		
1,2,4-Trimethylbenzene	21.1		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS (9051619-BS1)										
Prepared & Analyzed: 22-May-09										
Vinyl chloride	15.4		µg/kg wet		20.0		77	70-130		
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130		
o-Xylene	22.3		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	12.7	QC2	µg/kg wet		20.0		64	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		92	70-132		
Tert-amyl methyl ether	14.7		µg/kg wet		20.0		73	70-130		
Ethyl tert-butyl ether	15.6		µg/kg wet		20.0		78	70-130		
Di-isopropyl ether	13.6	QC1	µg/kg wet		20.0		68	70-130		
Tert-Butanol / butyl alcohol	147		µg/kg wet		200		74	70-130		
1,4-Dioxane	165		µg/kg wet		200		82	59.1-148		
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130		
Ethanol	227	QC2	µg/kg wet		400		57	70-130		
Surrogate: 4-Bromofluorobenzene	*55.1*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*43.3*		µg/kg wet		*50.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.6		µg/kg wet		20.0		118	70-130	6	25
Acetone	12.7		µg/kg wet		20.0		63	40-193	11	50
Acrylonitrile	17.7		µg/kg wet		20.0		88	70-130	11	25
Benzene	18.1		µg/kg wet		20.0		90	70-130	6	25
Bromobenzene	24.2		µg/kg wet		20.0		121	70-130	7	25
Bromochloromethane	21.3		µg/kg wet		20.0		107	70-130	5	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	3	25
Bromomethane	16.4		µg/kg wet		20.0		82	62.9-131	6	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	47-163	11	50
n-Butylbenzene	18.2		µg/kg wet		20.0		91	70-130	7	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	8	25
tert-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
Carbon disulfide	17.2		µg/kg wet		20.0		86	70-130	6	25
Carbon tetrachloride	19.9		µg/kg wet		20.0		100	70-130	9	25
Chlorobenzene	21.9		µg/kg wet		20.0		110	70-130	4	25
Chloroethane	15.5		µg/kg wet		20.0		78	64.2-130	7	50
Chloroform	18.3		µg/kg wet		20.0		92	70-130	3	25
Chloromethane	13.5	QC2	µg/kg wet		20.0		68	70-130	8	25
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	9	25
4-Chlorotoluene	22.7		µg/kg wet		20.0		113	70-130	7	25
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130	2	25
Dibromochloromethane	20.7		µg/kg wet		20.0		103	70-130	0.7	50
1,2-Dibromoethane (EDB)	21.1		µg/kg wet		20.0		106	70-130	4	25
Dibromomethane	18.9		µg/kg wet		20.0		94	70-130	2	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichlorobenzene	24.5		µg/kg wet		20.0		122	70-130	8	25
1,4-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	6	25
Dichlorodifluoromethane (Freon12)	17.3		µg/kg wet		20.0		87	62.6-136	6	50
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130	3	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85	70-130	2	25
1,1-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130	7	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051619 - SW846 5035A Soil (low level)										
LCS Dup (9051619-BSD1)										
Prepared & Analyzed: 22-May-09										
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130	7	25
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	5	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	2	25
2,2-Dichloropropane	19.3		µg/kg wet		20.0		97	70-130	4	25
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	6	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	2	25
trans-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	4	25
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130	6	25
Hexachlorobutadiene	19.3		µg/kg wet		20.0		97	70-130	9	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	6	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130	5	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	70-130	0.8	50
Methylene chloride	17.9		µg/kg wet		20.0		90	70-130	3	25
Naphthalene	17.4		µg/kg wet		20.0		87	70-130	1	25
n-Propylbenzene	22.5		µg/kg wet		20.0		113	70-130	7	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	5	25
1,1,1,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130	2	25
1,1,2,2-Tetrachloroethane	22.6		µg/kg wet		20.0		113	70-130	4	25
Tetrachloroethene	23.9		µg/kg wet		20.0		119	70-130	5	25
Toluene	19.3		µg/kg wet		20.0		96	70-130	5	25
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	6	25
1,2,4-Trichlorobenzene	17.4		µg/kg wet		20.0		87	70-130	4	25
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	5	25
1,1,1-Trichloroethane	19.8		µg/kg wet		20.0		99	70-130	5	25
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		101	70-130	1	25
Trichloroethene	20.3		µg/kg wet		20.0		101	70-130	6	25
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	70-140	6	50
1,2,3-Trichloropropane	24.0		µg/kg wet		20.0		120	70-130	4	25
1,2,4-Trimethylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.7		µg/kg wet		20.0		108	70-130	7	25
Vinyl chloride	16.7		µg/kg wet		20.0		84	70-130	8	25
m,p-Xylene	45.8		µg/kg wet		40.0		114	70-130	6	25
o-Xylene	23.4		µg/kg wet		20.0		117	70-130	5	25
Tetrahydrofuran	13.6	QC2	µg/kg wet		20.0		68	70-130	6	25
Ethyl ether	18.3		µg/kg wet		20.0		91	70-132	1	50
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		80	70-130	8	25
Ethyl tert-butyl ether	16.1		µg/kg wet		20.0		80	70-130	3	25
Di-isopropyl ether	13.9		µg/kg wet		20.0		70	70-130	2	25
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130	10	25
1,4-Dioxane	171		µg/kg wet		200		86	59.1-148	4	25
trans-1,4-Dichloro-2-butene	20.6		µg/kg wet		20.0		103	70-130	0.2	25
Ethanol	230	QC2	µg/kg wet		400		57	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*44.0*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051732 - SW846 5035A Soil (low level)										
Blank (9051732-BLK1)										
Prepared & Analyzed: 26-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051732 - SW846 5035A Soil (low level)										
Blank (9051732-BLK1)										
Prepared & Analyzed: 26-May-09										
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	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*53.3*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (9051732-BS1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.4		µg/kg wet		20.0		112	70-130		
Acetone	13.8		µg/kg wet		20.0		69	40-193		
Acrylonitrile	17.0		µg/kg wet		20.0		85	70-130		
Benzene	17.8		µg/kg wet		20.0		89	70-130		
Bromobenzene	22.9		µg/kg wet		20.0		114	70-130		
Bromochloromethane	20.7		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	19.0		µg/kg wet		20.0		95	70-130		
Bromoform	22.4		µg/kg wet		20.0		112	70-130		
Bromomethane	16.2		µg/kg wet		20.0		81	62.9-131		
2-Butanone (MEK)	14.0		µg/kg wet		20.0		70	47-163		
n-Butylbenzene	15.9		µg/kg wet		20.0		79	70-130		
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
Carbon disulfide	17.3		µg/kg wet		20.0		87	70-130		
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130		
Chlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Chloroethane	15.5		µg/kg wet		20.0		78	64.2-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051732 - SW846 5035A Soil (low level)										
LCS (9051732-BS1)										
Prepared & Analyzed: 26-May-09										
Chloroform	18.2		µg/kg wet		20.0		91	70-130		
Chloromethane	13.7	QC2	µg/kg wet		20.0		69	70-130		
2-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
4-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dibromo-3-chloropropane	16.0		µg/kg wet		20.0		80	70-130		
Dibromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dibromoethane (EDB)	21.2		µg/kg wet		20.0		106	70-130		
Dibromomethane	19.1		µg/kg wet		20.0		96	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	23.7		µg/kg wet		20.0		119	70-130		
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		93	70-130		
Dichlorodifluoromethane (Freon12)	17.1		µg/kg wet		20.0		85	62.6-136		
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichloroethane	17.1		µg/kg wet		20.0		85	70-130		
1,1-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
trans-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94	70-130		
1,2-Dichloropropane	16.4		µg/kg wet		20.0		82	70-130		
1,3-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130		
2,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
cis-1,3-Dichloropropene	19.1		µg/kg wet		20.0		95	70-130		
trans-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	70-130		
2-Hexanone (MBK)	13.7	QC1	µg/kg wet		20.0		69	70-130		
Isopropylbenzene	19.2		µg/kg wet		20.0		96	70-130		
4-Isopropyltoluene	19.3		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130		
4-Methyl-2-pentanone (MIBK)	19.4		µg/kg wet		20.0		97	70-130		
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130		
Naphthalene	17.0		µg/kg wet		20.0		85	70-130		
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	23.2		µg/kg wet		20.0		116	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
Tetrachloroethene	23.4		µg/kg wet		20.0		117	70-130		
Toluene	18.8		µg/kg wet		20.0		94	70-130		
1,2,3-Trichlorobenzene	17.3		µg/kg wet		20.0		87	70-130		
1,2,4-Trichlorobenzene	16.2		µg/kg wet		20.0		81	70-130		
1,3,5-Trichlorobenzene	19.1		µg/kg wet		20.0		96	70-130		
1,1,1-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98	70-130		
Trichloroethene	20.5		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/kg wet		20.0		102	70-140		
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		105	70-130		
Vinyl chloride	16.5		µg/kg wet		20.0		83	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051732 - SW846 5035A Soil (low level)										
LCS (9051732-BS1)										
Prepared & Analyzed: 26-May-09										
m,p-Xylene	43.9		µg/kg wet		40.0		110	70-130		
o-Xylene	23.0		µg/kg wet		20.0		115	70-130		
Tetrahydrofuran	12.7	QC2	µg/kg wet		20.0		64	70-130		
Ethyl ether	18.7		µg/kg wet		20.0		93	70-132		
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87	70-130		
Ethyl tert-butyl ether	16.0		µg/kg wet		20.0		80	70-130		
Di-isopropyl ether	13.8	QC2	µg/kg wet		20.0		69	70-130		
Tert-Butanol / butyl alcohol	167		µg/kg wet		200		84	70-130		
1,4-Dioxane	158		µg/kg wet		200		79	59.1-148		
trans-1,4-Dichloro-2-butene	21.1		µg/kg wet		20.0		106	70-130		
Ethanol	216	QC2	µg/kg wet		400		54	70-130		
Surrogate: 4-Bromofluorobenzene	*57.3*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.1*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS Dup (9051732-BSD1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.5		µg/kg wet		20.0		113	70-130	0.4	25
Acetone	10.9		µg/kg wet		20.0		54	40-193	24	50
Acrylonitrile	17.1		µg/kg wet		20.0		86	70-130	0.9	25
Benzene	17.9		µg/kg wet		20.0		90	70-130	0.7	25
Bromobenzene	23.1		µg/kg wet		20.0		116	70-130	1	25
Bromochloromethane	21.1		µg/kg wet		20.0		106	70-130	2	25
Bromodichloromethane	19.7		µg/kg wet		20.0		98	70-130	4	25
Bromoform	22.2		µg/kg wet		20.0		111	70-130	0.6	25
Bromomethane	16.4		µg/kg wet		20.0		82	62.9-131	1	50
2-Butanone (MEK)	14.9		µg/kg wet		20.0		74	47-163	7	50
n-Butylbenzene	16.2		µg/kg wet		20.0		81	70-130	2	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	2	25
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130	2	25
Carbon disulfide	16.9		µg/kg wet		20.0		84	70-130	3	25
Carbon tetrachloride	20.0		µg/kg wet		20.0		100	70-130	2	25
Chlorobenzene	21.5		µg/kg wet		20.0		107	70-130	0.6	25
Chloroethane	15.6		µg/kg wet		20.0		78	64.2-130	0.5	50
Chloroform	18.3		µg/kg wet		20.0		91	70-130	0.3	25
Chloromethane	13.7	QC2	µg/kg wet		20.0		69	70-130	0.1	25
2-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	0.8	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	1	25
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89	70-130	11	25
Dibromochloromethane	20.9		µg/kg wet		20.0		105	70-130	3	50
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		107	70-130	1	25
Dibromomethane	19.7		µg/kg wet		20.0		98	70-130	3	25
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	0.6	25
1,3-Dichlorobenzene	23.1		µg/kg wet		20.0		116	70-130	3	25
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	0.4	25
Dichlorodifluoromethane (Freon12)	17.5		µg/kg wet		20.0		87	62.6-136	2	50
1,1-Dichloroethane	16.9		µg/kg wet		20.0		85	70-130	0.5	25
1,2-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
1,1-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	1	25
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	0.8	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051732 - SW846 5035A Soil (low level)										
LCS Dup (9051732-BSD1)										
Prepared & Analyzed: 26-May-09										
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	1	25
1,2-Dichloropropane	16.4		µg/kg wet		20.0		82	70-130	0.5	25
1,3-Dichloropropane	18.3		µg/kg wet		20.0		92	70-130	0.3	25
2,2-Dichloropropane	18.7		µg/kg wet		20.0		94	70-130	3	25
1,1-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130	0.05	25
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130	2	25
trans-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130	5	25
Ethylbenzene	19.5		µg/kg wet		20.0		97	70-130	2	25
Hexachlorobutadiene	18.1		µg/kg wet		20.0		90	70-130	2	50
2-Hexanone (MBK)	14.2		µg/kg wet		20.0		71	70-130	3	25
Isopropylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130	0.3	25
Methyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130	3	25
4-Methyl-2-pentanone (MIBK)	20.5		µg/kg wet		20.0		102	70-130	5	50
Methylene chloride	18.1		µg/kg wet		20.0		91	70-130	0.3	25
Naphthalene	16.5		µg/kg wet		20.0		82	70-130	3	25
n-Propylbenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
Styrene	21.0		µg/kg wet		20.0		105	70-130	2	25
1,1,1,2-Tetrachloroethane	23.2		µg/kg wet		20.0		116	70-130	0.04	25
1,1,2,2-Tetrachloroethane	20.5		µg/kg wet		20.0		103	70-130	2	25
Tetrachloroethene	23.0		µg/kg wet		20.0		115	70-130	2	25
Toluene	18.9		µg/kg wet		20.0		94	70-130	0.1	25
1,2,3-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130	1	25
1,2,4-Trichlorobenzene	16.5		µg/kg wet		20.0		82	70-130	2	25
1,3,5-Trichlorobenzene	19.5		µg/kg wet		20.0		97	70-130	2	25
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	0.5	25
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		98	70-130	0.6	25
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130	1	25
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	70-140	1	50
1,2,3-Trichloropropane	23.7		µg/kg wet		20.0		118	70-130	4	25
1,2,4-Trimethylbenzene	21.5		µg/kg wet		20.0		107	70-130	2	25
1,3,5-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130	2	25
m,p-Xylene	43.0		µg/kg wet		40.0		108	70-130	2	25
o-Xylene	22.3		µg/kg wet		20.0		111	70-130	3	25
Tetrahydrofuran	13.4	QC2	µg/kg wet		20.0		67	70-130	6	25
Ethyl ether	18.9		µg/kg wet		20.0		94	70-132	1	50
Tert-amyl methyl ether	15.5		µg/kg wet		20.0		78	70-130	12	25
Ethyl tert-butyl ether	16.3		µg/kg wet		20.0		81	70-130	2	25
Di-isopropyl ether	13.8	QC2	µg/kg wet		20.0		69	70-130	0.1	25
Tert-Butanol / butyl alcohol	170		µg/kg wet		200		85	70-130	2	25
1,4-Dioxane	165		µg/kg wet		200		83	59.1-148	4	25
trans-1,4-Dichloro-2-butene	21.0		µg/kg wet		20.0		105	70-130	0.4	25
Ethanol	218	QC2	µg/kg wet		400		54	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		

Batch 9051757 - SW846 5030 Soil (high level)

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
Blank (9051757-BLK1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
Blank (9051757-BLK1)										
Prepared & Analyzed: 26-May-09										
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*27.4*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*32.4*		µg/kg wet		*30.0*		*108*	*70-130*		
LCS (9051757-BS1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.4		µg/kg wet		20.0		117	70-130		
Acetone	20.3		µg/kg wet		20.0		101	40-193		
Acrylonitrile	20.5		µg/kg wet		20.0		102	70-130		
Benzene	20.5		µg/kg wet		20.0		103	70-130		
Bromobenzene	18.7		µg/kg wet		20.0		93	70-130		
Bromochloromethane	18.3		µg/kg wet		20.0		92	70-130		
Bromodichloromethane	20.0		µg/kg wet		20.0		100	70-130		
Bromoform	17.6		µg/kg wet		20.0		88	70-130		
Bromomethane	16.8		µg/kg wet		20.0		84	62.9-131		
2-Butanone (MEK)	21.5		µg/kg wet		20.0		107	47-163		
n-Butylbenzene	21.1		µg/kg wet		20.0		106	70-130		
sec-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Carbon disulfide	18.8		µg/kg wet		20.0		94	70-130		
Carbon tetrachloride	19.3		µg/kg wet		20.0		96	70-130		
Chlorobenzene	19.4		µg/kg wet		20.0		97	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
LCS (9051757-BS1)										
Prepared & Analyzed: 26-May-09										
Chloroethane	17.9		µg/kg wet		20.0		89	64.2-130		
Chloroform	18.4		µg/kg wet		20.0		92	70-130		
Chloromethane	17.3		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	20.9		µg/kg wet		20.0		105	70-130		
Dibromochloromethane	18.1		µg/kg wet		20.0		91	70-130		
1,2-Dibromoethane (EDB)	19.9		µg/kg wet		20.0		100	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	16.0		µg/kg wet		20.0		80	62.6-136		
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dichloroethane	18.6		µg/kg wet		20.0		93	70-130		
1,1-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,2-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
1,2-Dichloropropane	22.1		µg/kg wet		20.0		111	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		103	70-130		
2,2-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	20.5		µg/kg wet		20.0		103	70-130		
trans-1,3-Dichloropropene	19.5		µg/kg wet		20.0		97	70-130		
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93	70-130		
2-Hexanone (MBK)	20.5		µg/kg wet		20.0		103	70-130		
Isopropylbenzene	17.1		µg/kg wet		20.0		85	70-130		
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	20.4		µg/kg wet		20.0		102	70-130		
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130		
Naphthalene	19.2		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	21.1		µg/kg wet		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99	70-130		
1,1,2,2-Tetrachloroethane	27.7	QC2	µg/kg wet		20.0		138	70-130		
Tetrachloroethene	17.9		µg/kg wet		20.0		90	70-130		
Toluene	19.0		µg/kg wet		20.0		95	70-130		
1,2,3-Trichlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trichlorobenzene	19.3		µg/kg wet		20.0		97	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	22.2		µg/kg wet		20.0		111	70-130		
Trichloroethene	18.1		µg/kg wet		20.0		91	70-130		
Trichlorofluoromethane (Freon 11)	19.3		µg/kg wet		20.0		97	70-140		
1,2,3-Trichloropropane	25.2		µg/kg wet		20.0		126	70-130		
1,2,4-Trimethylbenzene	19.1		µg/kg wet		20.0		96	70-130		
1,3,5-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
LCS (9051757-BS1)										
Prepared & Analyzed: 26-May-09										
Vinyl chloride	14.8		µg/kg wet		20.0		74	70-130		
m,p-Xylene	41.0		µg/kg wet		40.0		102	70-130		
o-Xylene	20.0		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	24.6		µg/kg wet		20.0		123	70-130		
Ethyl ether	19.4		µg/kg wet		20.0		97	70-132		
Tert-amyl methyl ether	18.7		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
Di-isopropyl ether	20.2		µg/kg wet		20.0		101	70-130		
Tert-Butanol / butyl alcohol	205		µg/kg wet		200		102	70-130		
1,4-Dioxane	236		µg/kg wet		200		118	59.1-148		
trans-1,4-Dichloro-2-butene	22.0		µg/kg wet		20.0		110	70-130		
Ethanol	467		µg/kg wet		400		117	70-130		
Surrogate: 4-Bromofluorobenzene	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*31.9*		µg/kg wet		*30.0*		*106*	*70-130*		
LCS Dup (9051757-BSD1)										
Prepared & Analyzed: 26-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.0		µg/kg wet		20.0		110	70-130	6	25
Acetone	28.9		µg/kg wet		20.0		145	40-193	35	50
Acrylonitrile	20.9		µg/kg wet		20.0		104	70-130	2	25
Benzene	19.5		µg/kg wet		20.0		98	70-130	5	25
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130	4	25
Bromochloromethane	18.1		µg/kg wet		20.0		90	70-130	1	25
Bromodichloromethane	19.2		µg/kg wet		20.0		96	70-130	4	25
Bromoform	17.5		µg/kg wet		20.0		88	70-130	0.5	25
Bromomethane	15.6		µg/kg wet		20.0		78	62.9-131	7	50
2-Butanone (MEK)	20.5		µg/kg wet		20.0		103	47-163	4	50
n-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	11	25
sec-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130	8	25
tert-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	8	25
Carbon disulfide	19.3		µg/kg wet		20.0		97	70-130	3	25
Carbon tetrachloride	17.8		µg/kg wet		20.0		89	70-130	8	25
Chlorobenzene	18.3		µg/kg wet		20.0		92	70-130	6	25
Chloroethane	16.8		µg/kg wet		20.0		84	64.2-130	6	50
Chloroform	17.7		µg/kg wet		20.0		88	70-130	4	25
Chloromethane	15.7		µg/kg wet		20.0		79	70-130	9	25
2-Chlorotoluene	18.9		µg/kg wet		20.0		94	70-130	8	25
4-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130	7	25
1,2-Dibromo-3-chloropropane	21.4		µg/kg wet		20.0		107	70-130	2	25
Dibromochloromethane	17.2		µg/kg wet		20.0		86	70-130	5	50
1,2-Dibromoethane (EDB)	19.4		µg/kg wet		20.0		97	70-130	3	25
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130	0.1	25
1,2-Dichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	6	25
1,3-Dichlorobenzene	17.3		µg/kg wet		20.0		86	70-130	6	25
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	6	25
Dichlorodifluoromethane (Freon12)	14.7		µg/kg wet		20.0		73	62.6-136	8	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	6	25
1,2-Dichloroethane	18.3		µg/kg wet		20.0		91	70-130	2	25
1,1-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	9	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
LCS Dup (9051757-BSD1)										
Prepared & Analyzed: 26-May-09										
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		93	70-130	9	25
trans-1,2-Dichloroethene	17.3		µg/kg wet		20.0		86	70-130	6	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		105	70-130	5	25
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130	1	25
2,2-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130	7	25
1,1-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130	6	25
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	5	25
trans-1,3-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	6	25
Ethylbenzene	18.5		µg/kg wet		20.0		93	70-130	8	25
Hexachlorobutadiene	16.9		µg/kg wet		20.0		85	70-130	10	50
2-Hexanone (MBK)	20.8		µg/kg wet		20.0		104	70-130	1	25
Isopropylbenzene	15.3		µg/kg wet		20.0		76	70-130	11	25
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130	9	25
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		102	70-130	1	25
4-Methyl-2-pentanone (MIBK)	20.8		µg/kg wet		20.0		104	70-130	2	50
Methylene chloride	16.8		µg/kg wet		20.0		84	70-130	2	25
Naphthalene	17.5		µg/kg wet		20.0		87	70-130	10	25
n-Propylbenzene	18.5		µg/kg wet		20.0		92	70-130	10	25
Styrene	20.2		µg/kg wet		20.0		101	70-130	5	25
1,1,1,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130	10	25
1,1,2,2-Tetrachloroethane	26.7	QC2	µg/kg wet		20.0		133	70-130	4	25
Tetrachloroethene	16.8		µg/kg wet		20.0		84	70-130	7	25
Toluene	18.0		µg/kg wet		20.0		90	70-130	6	25
1,2,3-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	6	25
1,2,4-Trichlorobenzene	19.9		µg/kg wet		20.0		100	70-130	4	25
1,3,5-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	8	25
1,1,1-Trichloroethane	18.2		µg/kg wet		20.0		91	70-130	6	25
1,1,2-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130	1	25
Trichloroethene	16.7		µg/kg wet		20.0		84	70-130	8	25
Trichlorofluoromethane (Freon 11)	17.9		µg/kg wet		20.0		90	70-140	8	50
1,2,3-Trichloropropane	24.6		µg/kg wet		20.0		123	70-130	2	25
1,2,4-Trimethylbenzene	17.7		µg/kg wet		20.0		89	70-130	8	25
1,3,5-Trimethylbenzene	17.6		µg/kg wet		20.0		88	70-130	6	25
Vinyl chloride	13.2	QC1	µg/kg wet		20.0		66	70-130	12	25
m,p-Xylene	38.0		µg/kg wet		40.0		95	70-130	8	25
o-Xylene	18.6		µg/kg wet		20.0		93	70-130	8	25
Tetrahydrofuran	24.0		µg/kg wet		20.0		120	70-130	2	25
Ethyl ether	19.4		µg/kg wet		20.0		97	70-132	0.1	50
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130	0.3	25
Ethyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	0.6	25
Di-isopropyl ether	19.6		µg/kg wet		20.0		98	70-130	3	25
Tert-Butanol / butyl alcohol	202		µg/kg wet		200		101	70-130	1	25
1,4-Dioxane	242		µg/kg wet		200		121	59.1-148	3	25
trans-1,4-Dichloro-2-butene	22.2		µg/kg wet		20.0		111	70-130	1	25
Ethanol	445		µg/kg wet		400		111	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*29.1*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.4*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/kg wet		*30.0*		*109*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051757 - SW846 5030 Soil (high level)										
Matrix Spike (9051757-MS1)	**Source: SA95061-04**									
Prepared & Analyzed: 26-May-09										
Benzene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Chlorobenzene	22.1		µg/kg dry		20.0	BRL	110	70-130		
1,1-Dichloroethene	21.1		µg/kg dry		20.0	BRL	105	70-130		
Toluene	23.8		µg/kg dry		20.0	3.2	103	70-130		
Trichloroethene	20.2		µg/kg dry		20.0	BRL	101	70-130		
Surrogate: 4-Bromofluorobenzene	*29.7*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/kg dry		*30.0*		*86*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/kg dry		*30.0*		*100*	*70-130*		
Matrix Spike Dup (9051757-MSD1)	**Source: SA95061-04**									
Prepared & Analyzed: 26-May-09										
Benzene	24.0		µg/kg dry		20.0	BRL	120	70-130	7	30
Chlorobenzene	23.2		µg/kg dry		20.0	BRL	116	70-130	5	30
1,1-Dichloroethene	23.4		µg/kg dry		20.0	BRL	117	70-130	11	30
Toluene	25.7		µg/kg dry		20.0	3.2	113	70-130	9	30
Trichloroethene	22.3		µg/kg dry		20.0	BRL	112	70-130	10	30
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/kg dry		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
Blank (9051889-BLK1)										
Prepared & Analyzed: 27-May-09										
Ethanol	BRL		µg/kg wet	400						
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*21.4*		µg/kg wet		*30.0*		*71*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/kg wet		*30.0*		*80*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.3	QC1	µg/kg wet		20.0		146	70-130		
Acetone	12.3		µg/kg wet		20.0		62	40-193		
Acrylonitrile	17.5		µg/kg wet		20.0		87	70-130		
Benzene	21.6		µg/kg wet		20.0		108	70-130		
Bromobenzene	22.9		µg/kg wet		20.0		114	70-130		
Bromochloromethane	16.4		µg/kg wet		20.0		82	70-130		
Bromodichloromethane	19.3		µg/kg wet		20.0		97	70-130		
Bromoform	24.0		µg/kg wet		20.0		120	70-130		
Bromomethane	17.4		µg/kg wet		20.0		87	62.9-131		
2-Butanone (MEK)	16.1		µg/kg wet		20.0		80	47-163		
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
sec-Butylbenzene	27.1	QC1	µg/kg wet		20.0		135	70-130		
tert-Butylbenzene	25.6		µg/kg wet		20.0		128	70-130		
Carbon disulfide	21.6		µg/kg wet		20.0		108	70-130		
Carbon tetrachloride	20.9		µg/kg wet		20.0		104	70-130		
Chlorobenzene	23.5		µg/kg wet		20.0		118	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	64.2-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	17.2		µg/kg wet		20.0		86	70-130		
2-Chlorotoluene	34.1	QC1	µg/kg wet		20.0		170	70-130		
4-Chlorotoluene	25.3		µg/kg wet		20.0		127	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	15.9		µg/kg wet		20.0		79	70-130		
1,2-Dibromoethane (EDB)	17.2		µg/kg wet		20.0		86	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	24.0		µg/kg wet		20.0		120	70-130		
1,3-Dichlorobenzene	26.2	QC1	µg/kg wet		20.0		131	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	62.6-136		
1,1-Dichloroethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichloroethane	17.3		µg/kg wet		20.0		87	70-130		
1,1-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
trans-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130		
1,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichloropropane	16.9		µg/kg wet		20.0		85	70-130		
2,2-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	24.6		µg/kg wet		20.0		123	70-130		
cis-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
trans-1,3-Dichloropropene	16.2		µg/kg wet		20.0		81	70-130		
Ethylbenzene	23.8		µg/kg wet		20.0		119	70-130		
Hexachlorobutadiene	24.0		µg/kg wet		20.0		120	70-130		
2-Hexanone (MBK)	17.1		µg/kg wet		20.0		86	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS (9051889-BS1)										
Prepared & Analyzed: 27-May-09										
Isopropylbenzene	22.8		µg/kg wet		20.0		114	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	17.4		µg/kg wet		20.0		87	70-130		
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	70-130		
Methylene chloride	16.9		µg/kg wet		20.0		85	70-130		
Naphthalene	17.1		µg/kg wet		20.0		85	70-130		
n-Propylbenzene	23.0		µg/kg wet		20.0		115	70-130		
Styrene	22.2		µg/kg wet		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/kg wet		20.0		123	70-130		
1,1,2,2-Tetrachloroethane	23.9		µg/kg wet		20.0		120	70-130		
Tetrachloroethene	18.9		µg/kg wet		20.0		94	70-130		
Toluene	17.4		µg/kg wet		20.0		87	70-130		
1,2,3-Trichlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2-Trichloroethane	17.2		µg/kg wet		20.0		86	70-130		
Trichloroethene	23.2		µg/kg wet		20.0		116	70-130		
Trichlorofluoromethane (Freon 11)	25.8		µg/kg wet		20.0		129	70-140		
1,2,3-Trichloropropane	25.7		µg/kg wet		20.0		128	70-130		
1,2,4-Trimethylbenzene	23.6		µg/kg wet		20.0		118	70-130		
1,3,5-Trimethylbenzene	23.7		µg/kg wet		20.0		119	70-130		
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130		
m,p-Xylene	51.6		µg/kg wet		40.0		129	70-130		
o-Xylene	27.0	QC1	µg/kg wet		20.0		135	70-130		
Tetrahydrofuran	18.0		µg/kg wet		20.0		90	70-130		
Ethyl ether	17.8		µg/kg wet		20.0		89	70-132		
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130		
Di-isopropyl ether	16.7		µg/kg wet		20.0		83	70-130		
Tert-Butanol / butyl alcohol	169		µg/kg wet		200		84	70-130		
1,4-Dioxane	257		µg/kg wet		200		128	59.1-148		
trans-1,4-Dichloro-2-butene	20.3		µg/kg wet		20.0		102	70-130		
Ethanol	372		µg/kg wet		400		93	70-130		
Surrogate: 4-Bromofluorobenzene	*34.1*		µg/kg wet		*30.0*		*114*	*70-130*		
Surrogate: Toluene-d8	*23.5*		µg/kg wet		*30.0*		*78*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg wet		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.9*		µg/kg wet		*30.0*		*80*	*70-130*		
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.9		µg/kg wet		20.0		129	70-130	12	25
Acetone	12.1		µg/kg wet		20.0		61	40-193	2	50
Acrylonitrile	16.7		µg/kg wet		20.0		83	70-130	5	25
Benzene	19.2		µg/kg wet		20.0		96	70-130	11	25
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130	6	25
Bromochloromethane	15.6		µg/kg wet		20.0		78	70-130	4	25
Bromodichloromethane	18.1		µg/kg wet		20.0		91	70-130	6	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	2	25
Bromomethane	14.8		µg/kg wet		20.0		74	62.9-131	17	50
2-Butanone (MEK)	16.5		µg/kg wet		20.0		83	47-163	3	50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	9	25
sec-Butylbenzene	24.4		µg/kg wet		20.0		122	70-130	11	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	14	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	14	25
Carbon tetrachloride	18.1		µg/kg wet		20.0		90	70-130	14	25
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130	9	25
Chloroethane	15.4		µg/kg wet		20.0		77	64.2-130	14	50
Chloroform	16.0		µg/kg wet		20.0		80	70-130	11	25
Chloromethane	14.8		µg/kg wet		20.0		74	70-130	15	25
2-Chlorotoluene	23.5	QR5	µg/kg wet		20.0		117	70-130	37	25
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	12	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	0.8	25
Dibromochloromethane	15.6		µg/kg wet		20.0		78	70-130	1	50
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		85	70-130	0.6	25
Dibromomethane	20.0		µg/kg wet		20.0		100	70-130	3	25
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	9	25
1,3-Dichlorobenzene	24.8		µg/kg wet		20.0		124	70-130	6	25
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	8	25
Dichlorodifluoromethane (Freon12)	19.4		µg/kg wet		20.0		97	62.6-136	15	50
1,1-Dichloroethane	16.2		µg/kg wet		20.0		81	70-130	11	25
1,2-Dichloroethane	16.7		µg/kg wet		20.0		84	70-130	4	25
1,1-Dichloroethene	18.0		µg/kg wet		20.0		90	70-130	16	25
cis-1,2-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130	10	25
trans-1,2-Dichloroethene	15.6		µg/kg wet		20.0		78	70-130	10	25
1,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	8	25
1,3-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	2	25
2,2-Dichloropropane	17.2		µg/kg wet		20.0		86	70-130	12	25
1,1-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	13	25
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	3	25
trans-1,3-Dichloropropene	15.7		µg/kg wet		20.0		79	70-130	3	25
Ethylbenzene	20.8		µg/kg wet		20.0		104	70-130	13	25
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	70-130	11	50
2-Hexanone (MBK)	19.2		µg/kg wet		20.0		96	70-130	12	25
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130	13	25
4-Isopropyltoluene	18.3		µg/kg wet		20.0		92	70-130	11	25
Methyl tert-butyl ether	17.2		µg/kg wet		20.0		86	70-130	1	25
4-Methyl-2-pentanone (MIBK)	19.7		µg/kg wet		20.0		99	70-130	11	50
Methylene chloride	15.8		µg/kg wet		20.0		79	70-130	7	25
Naphthalene	19.5		µg/kg wet		20.0		98	70-130	13	25
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130	10	25
Styrene	20.3		µg/kg wet		20.0		101	70-130	9	25
1,1,1,2-Tetrachloroethane	23.5		µg/kg wet		20.0		118	70-130	4	25
1,1,2,2-Tetrachloroethane	24.3		µg/kg wet		20.0		121	70-130	1	25
Tetrachloroethene	16.3		µg/kg wet		20.0		82	70-130	14	25
Toluene	15.6		µg/kg wet		20.0		78	70-130	11	25
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
1,2,4-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,3,5-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130	9	25
1,1,1-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130	12	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051889 - SW846 5030 Soil (high level)										
LCS Dup (9051889-BSD1)										
Prepared & Analyzed: 27-May-09										
1,1,2-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130	2	25
Trichloroethene	20.3		µg/kg wet		20.0		102	70-130	13	25
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	70-140	16	50
1,2,3-Trichloropropane	25.9		µg/kg wet		20.0		130	70-130	1	25
1,2,4-Trimethylbenzene	22.3		µg/kg wet		20.0		112	70-130	6	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	9	25
Vinyl chloride	17.9		µg/kg wet		20.0		90	70-130	15	25
m,p-Xylene	45.9		µg/kg wet		40.0		115	70-130	12	25
o-Xylene	24.1		µg/kg wet		20.0		121	70-130	11	25
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130	4	25
Ethyl ether	17.0		µg/kg wet		20.0		85	70-132	5	50
Tert-amyl methyl ether	20.0		µg/kg wet		20.0		100	70-130	2	25
Ethyl tert-butyl ether	17.1		µg/kg wet		20.0		86	70-130	0.8	25
Di-isopropyl ether	15.9		µg/kg wet		20.0		79	70-130	5	25
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		81	70-130	3	25
1,4-Dioxane	256		µg/kg wet		200		128	59.1-148	0.2	25
trans-1,4-Dichloro-2-butene	21.5		µg/kg wet		20.0		108	70-130	6	25
Ethanol	353		µg/kg wet		400		88	70-130	5	30
Surrogate: 4-Bromofluorobenzene	*33.5*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/kg wet		*30.0*		*79*	*70-130*		
Surrogate: Dibromofluoromethane	*24.2*		µg/kg wet		*30.0*		*81*	*70-130*		
Matrix Spike (9051889-MS1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	21.3		µg/kg dry		20.0	BRL	106	70-130		
Chlorobenzene	24.0		µg/kg dry		20.0	BRL	120	70-130		
1,1-Dichloroethene	18.5		µg/kg dry		20.0	BRL	92	70-130		
Toluene	17.4		µg/kg dry		20.0	BRL	87	70-130		
Trichloroethene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Surrogate: 4-Bromofluorobenzene	*33.6*		µg/kg dry		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.5*		µg/kg dry		*30.0*		*78*	*70-130*		
Matrix Spike Dup (9051889-MSD1)	**Source: SA95304-01**									
Prepared & Analyzed: 27-May-09										
Benzene	20.9		µg/kg dry		20.0	BRL	104	70-130	2	30
Chlorobenzene	23.2		µg/kg dry		20.0	BRL	116	70-130	4	30
1,1-Dichloroethene	18.2		µg/kg dry		20.0	BRL	91	70-130	2	30
Toluene	17.1		µg/kg dry		20.0	BRL	85	70-130	2	30
Trichloroethene	22.3		µg/kg dry		20.0	BRL	111	70-130	0.4	30
Surrogate: 4-Bromofluorobenzene	*33.8*		µg/kg dry		*30.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*24.3*		µg/kg dry		*30.0*		*81*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/kg dry		*30.0*		*77*	*70-130*		
Surrogate: Dibromofluoromethane	*23.6*		µg/kg dry		*30.0*		*79*	*70-130*		
Batch 9052117 - SW846 5030 Water MS										
Blank (9052117-BLK1)										
Prepared & Analyzed: 29-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052117 - SW846 5030 Water MS										
Blank (9052117-BLK1)										
Prepared & Analyzed: 29-May-09										
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052117 - SW846 5030 Water MS										
Blank (9052117-BLK1)										
Prepared & Analyzed: 29-May-09										
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/l		*30.0*		*87*	*70-130*		
Surrogate: Toluene-d8	*21.3*		µg/l		*30.0*		*71*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/l		*30.0*		*80*	*70-130*		
Surrogate: Dibromofluoromethane	*24.1*		µg/l		*30.0*		*80*	*70-130*		
LCS (9052117-BS1)										
Prepared & Analyzed: 29-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	29.7	QC1	µg/l		20.0		148	70-130		
Acetone	11.8		µg/l		20.0		59	41.6-158		
Acrylonitrile	15.6		µg/l		20.0		78	70-130		
Benzene	21.3		µg/l		20.0		106	70-130		
Bromobenzene	23.2		µg/l		20.0		116	70-130		
Bromochloromethane	16.7		µg/l		20.0		83	70-130		
Bromodichloromethane	18.8		µg/l		20.0		94	70-130		
Bromoform	21.9		µg/l		20.0		110	70-130		
Bromomethane	17.7		µg/l		20.0		88	47-147		
2-Butanone (MEK)	16.0		µg/l		20.0		80	60.9-144		
n-Butylbenzene	19.8		µg/l		20.0		99	70-130		
sec-Butylbenzene	28.2	QC1	µg/l		20.0		141	70-130		
tert-Butylbenzene	25.5		µg/l		20.0		127	70-130		
Carbon disulfide	21.3		µg/l		20.0		106	70-130		
Carbon tetrachloride	20.2		µg/l		20.0		101	70-130		
Chlorobenzene	23.6		µg/l		20.0		118	70-130		
Chloroethane	17.2		µg/l		20.0		86	63.6-131		
Chloroform	17.6		µg/l		20.0		88	70-130		
Chloromethane	18.0		µg/l		20.0		90	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052117 - SW846 5030 Water MS										
LCS (9052117-BS1)										
Prepared & Analyzed: 29-May-09										
2-Chlorotoluene	24.6		µg/l		20.0		123	70-130		
4-Chlorotoluene	26.2	QC1	µg/l		20.0		131	70-130		
1,2-Dibromo-3-chloropropane	16.3		µg/l		20.0		82	70-130		
Dibromochloromethane	15.3		µg/l		20.0		76	58.8-145		
1,2-Dibromoethane (EDB)	15.5		µg/l		20.0		77	70-130		
Dibromomethane	19.6		µg/l		20.0		98	70-130		
1,2-Dichlorobenzene	22.8		µg/l		20.0		114	70-130		
1,3-Dichlorobenzene	27.3	QC1	µg/l		20.0		137	70-130		
1,4-Dichlorobenzene	20.9		µg/l		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	23.9		µg/l		20.0		119	56.6-137		
1,1-Dichloroethane	17.8		µg/l		20.0		89	70-130		
1,2-Dichloroethane	16.8		µg/l		20.0		84	70-130		
1,1-Dichloroethene	20.8		µg/l		20.0		104	70-130		
cis-1,2-Dichloroethene	17.8		µg/l		20.0		89	70-130		
trans-1,2-Dichloroethene	17.5		µg/l		20.0		87	70-130		
1,2-Dichloropropane	20.6		µg/l		20.0		103	70-130		
1,3-Dichloropropane	15.6		µg/l		20.0		78	70-130		
2,2-Dichloropropane	20.4		µg/l		20.0		102	70-130		
1,1-Dichloropropene	24.9		µg/l		20.0		125	70-130		
cis-1,3-Dichloropropene	14.6		µg/l		20.0		73	70-130		
trans-1,3-Dichloropropene	14.8		µg/l		20.0		74	70-130		
Ethylbenzene	23.2		µg/l		20.0		116	70-130		
Hexachlorobutadiene	23.8		µg/l		20.0		119	70-134		
2-Hexanone (MBK)	16.0		µg/l		20.0		80	70-130		
Isopropylbenzene	23.0		µg/l		20.0		115	70-130		
4-Isopropyltoluene	19.5		µg/l		20.0		97	70-130		
Methyl tert-butyl ether	15.9		µg/l		20.0		79	70-130		
4-Methyl-2-pentanone (MIBK)	17.2		µg/l		20.0		86	64.8-130		
Methylene chloride	17.4		µg/l		20.0		87	70-130		
Naphthalene	15.1		µg/l		20.0		76	70-130		
n-Propylbenzene	22.2		µg/l		20.0		111	70-130		
Styrene	22.0		µg/l		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	24.4		µg/l		20.0		122	70-130		
1,1,2,2-Tetrachloroethane	22.6		µg/l		20.0		113	70-130		
Tetrachloroethene	17.6		µg/l		20.0		88	70-130		
Toluene	16.5		µg/l		20.0		82	70-130		
1,2,3-Trichlorobenzene	20.2		µg/l		20.0		101	70-130		
1,2,4-Trichlorobenzene	17.5		µg/l		20.0		88	70-130		
1,3,5-Trichlorobenzene	19.3		µg/l		20.0		96	70-130		
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2-Trichloroethane	16.5		µg/l		20.0		83	70-130		
Trichloroethene	22.5		µg/l		20.0		113	70-130		
Trichlorofluoromethane (Freon 11)	25.7		µg/l		20.0		128	70-152		
1,2,3-Trichloropropane	24.1		µg/l		20.0		120	70-130		
1,2,4-Trimethylbenzene	24.6		µg/l		20.0		123	70-130		
1,3,5-Trimethylbenzene	24.1		µg/l		20.0		121	70-130		
Vinyl chloride	22.4		µg/l		20.0		112	70-130		
m,p-Xylene	52.1		µg/l		40.0		130	70-130		
o-Xylene	26.9	QC1	µg/l		20.0		134	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052117 - SW846 5030 Water MS										
LCS (9052117-BS1)										
Prepared & Analyzed: 29-May-09										
Tetrahydrofuran	15.4		µg/l		20.0		77	70-130		
Ethyl ether	17.3		µg/l		20.0		86	70-133		
Tert-amyl methyl ether	18.4		µg/l		20.0		92	70-130		
Ethyl tert-butyl ether	16.2		µg/l		20.0		81	70-130		
Di-isopropyl ether	16.0		µg/l		20.0		80	70-130		
Tert-Butanol / butyl alcohol	142		µg/l		200		71	70-130		
1,4-Dioxane	153		µg/l		200		77	53.1-139		
trans-1,4-Dichloro-2-butene	19.8		µg/l		20.0		99	70-130		
Ethanol	312		µg/l		400		78	70-130		
Surrogate: 4-Bromofluorobenzene	*34.8*		µg/l		*30.0*		*116*	*70-130*		
Surrogate: Toluene-d8	*23.0*		µg/l		*30.0*		*77*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/l		*30.0*		*80*	*70-130*		
Surrogate: Dibromofluoromethane	*24.6*		µg/l		*30.0*		*82*	*70-130*		
LCS Dup (9052117-BSD1)										
Prepared & Analyzed: 29-May-09										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.5		µg/l		20.0		128	70-130	15	25
Acetone	11.4		µg/l		20.0		57	41.6-158	4	50
Acrylonitrile	15.1		µg/l		20.0		76	70-130	3	25
Benzene	19.2		µg/l		20.0		96	70-130	10	25
Bromobenzene	22.0		µg/l		20.0		110	70-130	5	25
Bromochloromethane	15.4		µg/l		20.0		77	70-130	8	25
Bromodichloromethane	17.9		µg/l		20.0		89	70-130	5	25
Bromoform	22.2		µg/l		20.0		111	70-130	1	25
Bromomethane	15.4		µg/l		20.0		77	47-147	14	50
2-Butanone (MEK)	14.2		µg/l		20.0		71	60.9-144	12	50
n-Butylbenzene	17.8		µg/l		20.0		89	70-130	11	25
sec-Butylbenzene	24.9		µg/l		20.0		125	70-130	12	25
tert-Butylbenzene	22.6		µg/l		20.0		113	70-130	12	25
Carbon disulfide	18.4		µg/l		20.0		92	70-130	14	25
Carbon tetrachloride	18.0		µg/l		20.0		90	70-130	12	25
Chlorobenzene	21.8		µg/l		20.0		109	70-130	8	25
Chloroethane	15.2		µg/l		20.0		76	63.6-131	13	50
Chloroform	16.2		µg/l		20.0		81	70-130	8	25
Chloromethane	15.3		µg/l		20.0		77	70-130	16	25
2-Chlorotoluene	23.2		µg/l		20.0		116	70-130	6	25
4-Chlorotoluene	23.6		µg/l		20.0		118	70-130	11	25
1,2-Dibromo-3-chloropropane	16.5		µg/l		20.0		82	70-130	0.9	25
Dibromochloromethane	14.8		µg/l		20.0		74	58.8-145	3	50
1,2-Dibromoethane (EDB)	15.9		µg/l		20.0		80	70-130	3	25
Dibromomethane	19.3		µg/l		20.0		97	70-130	1	25
1,2-Dichlorobenzene	21.9		µg/l		20.0		110	70-130	4	25
1,3-Dichlorobenzene	25.5		µg/l		20.0		128	70-130	7	25
1,4-Dichlorobenzene	19.7		µg/l		20.0		98	70-130	6	25
Dichlorodifluoromethane (Freon12)	20.9		µg/l		20.0		104	56.6-137	13	50
1,1-Dichloroethane	16.0		µg/l		20.0		80	70-130	11	25
1,2-Dichloroethane	16.4		µg/l		20.0		82	70-130	3	25
1,1-Dichloroethene	18.2		µg/l		20.0		91	70-130	13	25
cis-1,2-Dichloroethene	16.2		µg/l		20.0		81	70-130	9	25
trans-1,2-Dichloroethene	15.0		µg/l		20.0		75	70-130	15	25
1,2-Dichloropropane	19.8		µg/l		20.0		99	70-130	4	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9052117 - SW846 5030 Water MS										
LCS Dup (9052117-BSD1)										
Prepared & Analyzed: 29-May-09										
1,3-Dichloropropane	15.8		µg/l		20.0		79	70-130	1	25
2,2-Dichloropropane	18.1		µg/l		20.0		90	70-130	12	25
1,1-Dichloropropene	21.2		µg/l		20.0		106	70-130	16	25
cis-1,3-Dichloropropene	14.6		µg/l		20.0		73	70-130	0.5	25
trans-1,3-Dichloropropene	14.3		µg/l		20.0		72	70-130	4	25
Ethylbenzene	20.9		µg/l		20.0		105	70-130	10	25
Hexachlorobutadiene	20.9		µg/l		20.0		104	70-134	13	50
2-Hexanone (MBK)	16.0		µg/l		20.0		80	70-130	0.06	25
Isopropylbenzene	20.7		µg/l		20.0		104	70-130	11	25
4-Isopropyltoluene	17.9		µg/l		20.0		90	70-130	9	25
Methyl tert-butyl ether	15.9		µg/l		20.0		79	70-130	0	25
4-Methyl-2-pentanone (MIBK)	16.0		µg/l		20.0		80	64.8-130	7	50
Methylene chloride	16.1		µg/l		20.0		80	70-130	8	25
Naphthalene	15.1		µg/l		20.0		75	70-130	0.2	25
n-Propylbenzene	19.4		µg/l		20.0		97	70-130	13	25
Styrene	19.4		µg/l		20.0		97	70-130	13	25
1,1,1,2-Tetrachloroethane	23.5		µg/l		20.0		117	70-130	4	25
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130	3	25
Tetrachloroethene	15.9		µg/l		20.0		79	70-130	10	25
Toluene	15.0		µg/l		20.0		75	70-130	9	25
1,2,3-Trichlorobenzene	18.7		µg/l		20.0		93	70-130	8	25
1,2,4-Trichlorobenzene	16.7		µg/l		20.0		83	70-130	5	25
1,3,5-Trichlorobenzene	18.3		µg/l		20.0		91	70-130	5	25
1,1,1-Trichloroethane	18.3		µg/l		20.0		92	70-130	13	25
1,1,2-Trichloroethane	16.2		µg/l		20.0		81	70-130	2	25
Trichloroethene	19.9		µg/l		20.0		99	70-130	13	25
Trichlorofluoromethane (Freon 11)	22.2		µg/l		20.0		111	70-152	15	50
1,2,3-Trichloropropane	24.9		µg/l		20.0		124	70-130	3	25
1,2,4-Trimethylbenzene	22.6		µg/l		20.0		113	70-130	9	25
1,3,5-Trimethylbenzene	21.8		µg/l		20.0		109	70-130	10	25
Vinyl chloride	19.2		µg/l		20.0		96	70-130	15	25
m,p-Xylene	47.1		µg/l		40.0		118	70-130	10	25
o-Xylene	24.3		µg/l		20.0		121	70-130	10	25
Tetrahydrofuran	16.0		µg/l		20.0		80	70-130	4	25
Ethyl ether	16.7		µg/l		20.0		83	70-133	4	50
Tert-amyl methyl ether	18.1		µg/l		20.0		90	70-130	2	25
Ethyl tert-butyl ether	15.8		µg/l		20.0		79	70-130	3	25
Di-isopropyl ether	15.4		µg/l		20.0		77	70-130	4	25
Tert-Butanol / butyl alcohol	146		µg/l		200		73	70-130	2	25
1,4-Dioxane	229	QR2	µg/l		200		115	53.1-139	40	25
trans-1,4-Dichloro-2-butene	20.0		µg/l		20.0		100	70-130	0.7	25
Ethanol	325		µg/l		400		81	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*34.7*		µg/l		*30.0*		*116*	*70-130*		
Surrogate: Toluene-d8	*23.0*		µg/l		*30.0*		*77*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/l		*30.0*		*79*	*70-130*		
Surrogate: Dibromofluoromethane	*24.3*		µg/l		*30.0*		*81*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	BRL		µg/l	5.00						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3 & 4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Pentachloronitrobenzene	BRL		µg/l	5.00						
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.00						
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Blank (9051611-BLK1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.8*		µg/l		*50.0*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*20.2*		µg/l		*50.0*		*40*	*15-110*		
Surrogate: Nitrobenzene-d5	*33.5*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: Phenol-d5	*12.2*		µg/l		*50.0*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*31.4*		µg/l		*50.0*		*63*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*49.3*		µg/l		*50.0*		*99*	*15-110*		
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Acenaphthene	33.2		µg/l	0.050	50.0		66	40-140		
Acenaphthene	33.2		µg/l	5.00	50.0		66	40-130		
Acenaphthylene	33.0		µg/l	0.050	50.0		66	40-140		
Acenaphthylene	33.0		µg/l	5.00	50.0		66	40-130		
Aniline	22.6		µg/l	5.00	50.0		45	40-130		
1-Methylnaphthalene	31.1		µg/l	0.050	50.0		62	40-140		
Anthracene	40.8		µg/l	0.050	50.0		82	40-140		
Anthracene	40.8		µg/l	5.00	50.0		82	40-130		
Atrazine	55.9		µg/l	5.00	50.0		112	40-130		
Azobenzene/Diphenyldiazine	33.6		µg/l	5.00	50.0		67	40-130		
Benzidine	1.41		µg/l	5.00	50.0		3	0-130		
Benzo (a) anthracene	32.4		µg/l	5.00	50.0		65	40-130		
Benzo (a) anthracene	32.4		µg/l	0.050	50.0		65	40-140		
Benzo (a) pyrene	38.8		µg/l	5.00	50.0		78	40-130		
Benzo (a) pyrene	38.8		µg/l	0.050	50.0		78	40-140		
Benzo (b) fluoranthene	40.8		µg/l	0.050	50.0		82	40-140		
Benzo (b) fluoranthene	40.8		µg/l	5.00	50.0		82	40-130		
Benzo (g,h,i) perylene	40.3		µg/l	0.050	50.0		81	40-140		
Benzo (g,h,i) perylene	40.3		µg/l	5.00	50.0		81	40-130		
Benzo (k) fluoranthene	40.7		µg/l	0.050	50.0		81	40-140		
Benzo (k) fluoranthene	40.7		µg/l	5.00	50.0		81	40-130		
Benzoic acid	20.2		µg/l	5.00	50.0		40	17.9-130		
Benzyl alcohol	30.2		µg/l	5.00	50.0		60	40-130		
Bis(2-chloroethoxy)methane	35.4		µg/l	5.00	50.0		71	40-130		
Bis(2-chloroethyl)ether	35.9		µg/l	5.00	50.0		72	40-130		
Bis(2-chloroisopropyl)ether	32.5		µg/l	5.00	50.0		65	40-130		
Bis(2-ethylhexyl)phthalate	38.9		µg/l	5.00	50.0		78	40-130		
4-Bromophenyl phenyl ether	50.1		µg/l	5.00	50.0		100	40-130		
Butyl benzyl phthalate	38.7		µg/l	5.00	50.0		77	40-130		
Carbazole	42.6		µg/l	5.00	50.0		85	40-130		
4-Chloro-3-methylphenol	36.9		µg/l	5.00	50.0		74	40-130		
4-Chloroaniline	30.1		µg/l	5.00	50.0		60	40-130		
2-Chloronaphthalene	34.0		µg/l	5.00	50.0		68	40-130		
2-Chlorophenol	31.8		µg/l	5.00	50.0		64	40-130		
4-Chlorophenyl phenyl ether	35.0		µg/l	5.00	50.0		70	40-130		
Chrysene	36.0		µg/l	0.050	50.0		72	40-140		
Chrysene	36.0		µg/l	5.00	50.0		72	40-130		
Dibenzo (a,h) anthracene	41.0		µg/l	0.050	50.0		82	40-140		
Dibenzo (a,h) anthracene	41.0		µg/l	5.00	50.0		82	40-130		
Dibenzofuran	34.3		µg/l	5.00	50.0		69	40-130		
1,2-Dichlorobenzene	33.5		µg/l	5.00	50.0		67	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
1,3-Dichlorobenzene	31.8		µg/l	5.00	50.0		64	40-130		
1,4-Dichlorobenzene	34.2		µg/l	5.00	50.0		68	40-130		
3,3´-Dichlorobenzidine	36.9		µg/l	5.00	50.0		74	40-130		
2,4-Dichlorophenol	40.4		µg/l	5.00	50.0		81	40-130		
Diethyl phthalate	36.1		µg/l	5.00	50.0		72	40-130		
Dimethyl phthalate	37.5		µg/l	5.00	50.0		75	40-130		
2,4-Dimethylphenol	36.2		µg/l	5.00	50.0		72	40-130		
Di-n-butyl phthalate	43.4		µg/l	5.00	50.0		87	40-130		
4,6-Dinitro-2-methylphenol	46.3		µg/l	5.00	50.0		93	40-130		
2,4-Dinitrophenol	43.2		µg/l	5.00	50.0		86	40-130		
2,4-Dinitrotoluene	38.7		µg/l	5.00	50.0		77	40-130		
2,6-Dinitrotoluene	37.3		µg/l	5.00	50.0		75	40-130		
Di-n-octyl phthalate	40.7		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	5.00	50.0		81	40-130		
Fluoranthene	40.3		µg/l	0.050	50.0		81	40-140		
Fluorene	34.0		µg/l	5.00	50.0		68	40-130		
Fluorene	34.0		µg/l	0.050	50.0		68	40-140		
Hexachlorobenzene	44.3		µg/l	5.00	50.0		89	40-130		
Hexachlorobutadiene	41.8		µg/l	5.00	50.0		84	40-130		
Hexachlorocyclopentadiene	34.8		µg/l	5.00	50.0		70	40-130		
Hexachloroethane	32.9		µg/l	5.00	50.0		66	40-130		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	0.050	50.0		83	40-140		
Indeno (1,2,3-cd) pyrene	41.5		µg/l	5.00	50.0		83	40-130		
Isophorone	34.0		µg/l	5.00	50.0		68	40-130		
2-Methylnaphthalene	35.5		µg/l	0.050	50.0		71	40-140		
2-Methylnaphthalene	35.5		µg/l	5.00	50.0		71	40-130		
2-Methylphenol	30.0		µg/l	5.00	50.0		60	40-130		
3 & 4-Methylphenol	28.4		µg/l	10.0	50.0		57	40-130		
Naphthalene	35.6		µg/l	0.050	50.0		71	40-140		
Naphthalene	35.6		µg/l	5.00	50.0		71	40-130		
2-Nitroaniline	34.3		µg/l	5.00	50.0		69	40-130		
3-Nitroaniline	28.8		µg/l	5.00	50.0		58	40-130		
4-Nitroaniline	35.1		µg/l	20.0	50.0		70	40-130		
Nitrobenzene	34.1		µg/l	5.00	50.0		68	40-130		
2-Nitrophenol	38.7		µg/l	5.00	50.0		77	40-130		
4-Nitrophenol	22.6		µg/l	20.0	50.0		45	40-130		
N-Nitrosodimethylamine	23.7		µg/l	5.00	50.0		47	40-130		
N-Nitrosodi-n-propylamine	32.4		µg/l	5.00	50.0		65	40-130		
N-Nitrosodiphenylamine	42.5		µg/l	5.00	50.0		85	40-130		
Pentachlorophenol	50.0		µg/l	20.0	50.0		100	40-130		
Phenanthrene	40.5		µg/l	0.050	50.0		81	40-140		
Phenanthrene	40.5		µg/l	5.00	50.0		81	40-130		
Phenol	19.5	QC2	µg/l	5.00	50.0		39	40-130		
Pyrene	34.2		µg/l	0.050	50.0		68	40-140		
Pyrene	34.2		µg/l	5.00	50.0		68	40-130		
Pyridine	17.6		µg/l	5.00	50.0		35	0-130		
Hexachlorobenzene	44.3		µg/l	1.00	50.0		89	40-140		
1,2,4-Trichlorobenzene	39.5		µg/l	5.00	50.0		79	40-130		
1-Methylnaphthalene	31.1		µg/l	5.00	50.0		62	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
LCS (9051611-BS1)										
Prepared: 22-May-09 Analyzed: 25-May-09										
Hexachloroethane	32.9		µg/l	1.00	50.0		66	40-140		
2,4,5-Trichlorophenol	38.2		µg/l	5.00	50.0		76	40-130		
Pentachlorophenol	50.0		µg/l	1.00	50.0		100	30-130		
Hexachlorobutadiene	41.8		µg/l	0.500	50.0		84	40-140		
2,4,6-Trichlorophenol	34.1		µg/l	5.00	50.0		68	40-130		
Pentachloronitrobenzene	52.3		µg/l	5.00	50.0		105	40-140		
1,2,4,5-Tetrachlorobenzene	40.8		µg/l	5.00	50.0		82	40-140		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*31.0*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*21.8*		µg/l		*50.0*		*44*	*15-110*		
Surrogate: Nitrobenzene-d5	*34.9*		µg/l		*50.0*		*70*	*30-130*		
Surrogate: Phenol-d5	*13.2*		µg/l		*50.0*		*26*	*15-110*		
Surrogate: Terphenyl-dl4	*33.3*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*53.1*		µg/l		*50.0*		*106*	*15-110*		
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
Acenaphthene	BRL		µg/l	5.75		BRL				50
Acenaphthene	BRL		µg/l	0.050		BRL				50
Acenaphthylene	BRL		µg/l	5.75		BRL				50
Acenaphthylene	BRL		µg/l	0.050		BRL				50
Aniline	BRL		µg/l	5.75		BRL				50
1-Methylnaphthalene	0.0920		µg/l	0.050		0.101			9	50
Anthracene	BRL		µg/l	0.050		BRL				50
Anthracene	BRL		µg/l	5.75		BRL				50
Atrazine	BRL		µg/l	5.75		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/l	5.75		BRL				50
Benzidine	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	5.75		BRL				50
Benzo (a) anthracene	BRL		µg/l	0.050		0.135				50
Benzo (a) pyrene	BRL		µg/l	0.050		0.112				50
Benzo (a) pyrene	BRL		µg/l	5.75		BRL				50
Benzo (b) fluoranthene	0.0920	QM4	µg/l	0.050		0.202			75	50
Benzo (b) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	5.75		BRL				50
Benzo (g,h,i) perylene	BRL		µg/l	0.050		0.101				50
Benzo (k) fluoranthene	BRL		µg/l	5.75		BRL				50
Benzo (k) fluoranthene	0.0575	QM4	µg/l	0.050		0.112			65	50
Benzoic acid	BRL		µg/l	5.75		BRL				50
Benzyl alcohol	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/l	5.75		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.75		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.75		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Butyl benzyl phthalate	BRL		µg/l	5.75		BRL				50
Carbazole	BRL		µg/l	5.75		BRL				50
4-Chloro-3-methylphenol	BRL		µg/l	5.75		BRL				50
4-Chloroaniline	BRL		µg/l	5.75		BRL				50
2-Chloronaphthalene	BRL		µg/l	5.75		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 26-May-09										
2-Chlorophenol	BRL		µg/l	5.75		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/l	5.75		BRL				50
Chrysene	0.0575	QM4	µg/l	0.050		0.124			73	50
Chrysene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	5.75		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/l	0.050		BRL				50
Dibenzofuran	BRL		µg/l	5.75		BRL				50
1,2-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,3-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
1,4-Dichlorobenzene	BRL		µg/l	5.75		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/l	5.75		BRL				50
2,4-Dichlorophenol	BRL		µg/l	5.75		BRL				50
Diethyl phthalate	BRL		µg/l	5.75		BRL				50
Dimethyl phthalate	BRL		µg/l	5.75		BRL				50
2,4-Dimethylphenol	BRL		µg/l	5.75		BRL				50
Di-n-butyl phthalate	BRL		µg/l	5.75		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrophenol	BRL		µg/l	5.75		BRL				50
2,4-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
2,6-Dinitrotoluene	BRL		µg/l	5.75		BRL				50
Di-n-octyl phthalate	BRL		µg/l	5.75		BRL				50
Fluoranthene	BRL		µg/l	5.75		BRL				50
Fluoranthene	0.126	QM4	µg/l	0.050		0.281			76	50
Fluorene	BRL		µg/l	0.050		BRL				50
Fluorene	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	5.75		BRL				50
Hexachlorocyclopentadiene	BRL		µg/l	5.75		BRL				50
Hexachloroethane	BRL		µg/l	5.75		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		0.0899				50
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.75		BRL				50
Isophorone	BRL		µg/l	5.75		BRL				50
2-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
2-Methylnaphthalene	0.126		µg/l	0.050		0.135			6	50
2-Methylphenol	BRL		µg/l	5.75		BRL				50
3 & 4-Methylphenol	BRL		µg/l	11.5		BRL				50
Naphthalene	BRL		µg/l	5.75		BRL				50
Naphthalene	BRL		µg/l	0.050		BRL				50
2-Nitroaniline	BRL		µg/l	5.75		BRL				50
3-Nitroaniline	BRL		µg/l	5.75		BRL				50
4-Nitroaniline	BRL		µg/l	23.0		BRL				50
Nitrobenzene	BRL		µg/l	5.75		BRL				50
2-Nitrophenol	BRL		µg/l	5.75		BRL				50
4-Nitrophenol	BRL		µg/l	23.0		BRL				50
N-Nitrosodimethylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/l	5.75		BRL				50
N-Nitrosodiphenylamine	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	23.0		BRL				50
Phenanthrene	BRL		µg/l	5.75		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051611 - SW846 3510C										
Duplicate (9051611-DUP1) **Source: SA95070-22**										
Prepared: 22-May-09 Analyzed: 28-May-09										
Phenanthrene	BRL		µg/l	0.050		BRL				50
Phenol	BRL		µg/l	5.75		BRL				50
Pyrene	BRL		µg/l	5.75		BRL				50
Pyrene	0.103	QM4	µg/l	0.050		0.236			78	50
Pyridine	BRL		µg/l	5.75		BRL				50
Hexachlorobenzene	BRL		µg/l	1.00		BRL				50
1-Methylnaphthalene	BRL		µg/l	5.75		BRL				50
Hexachloroethane	BRL		µg/l	1.00		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/l	5.75		BRL				50
2,4,5-Trichlorophenol	BRL		µg/l	5.75		BRL				50
Pentachlorophenol	BRL		µg/l	1.00		BRL				50
2,4,6-Trichlorophenol	BRL		µg/l	5.75		BRL				50
Hexachlorobutadiene	BRL		µg/l	0.500		BRL				50
Pentachloronitrobenzene	BRL		µg/l	5.75		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/l	5.75		BRL				50
Surrogate: 2-Fluorobiphenyl	*35.3*		µg/l		*57.5*		*61*	*30-130*		
Surrogate: Terphenyl-dl4	*40.3*		µg/l		*57.5*		*70*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*35.9*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*22.6*		µg/l		*57.5*		*39*	*15-110*		
Surrogate: Nitrobenzene-d5	*38.0*		µg/l		*57.5*		*66*	*30-130*		
Surrogate: Phenol-d5	*13.6*		µg/l		*57.5*		*24*	*15-110*		
Surrogate: Terphenyl-dl4	*35.5*		µg/l		*57.5*		*62*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*57.7*		µg/l		*57.5*		*100*	*15-110*		
Batch 9051711 - SW846 3545A										
Blank (9051711-BLK1)										
Prepared & Analyzed: 26-May-09										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
Blank (9051711-BLK1)										
Prepared & Analyzed: 26-May-09										
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3 & 4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
Blank (9051711-BLK1)										
Prepared & Analyzed: 26-May-09										
Pentachloronitrobenzene	BRL		µg/kg wet	330						
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*2130*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2-Fluorophenol	*1780*		µg/kg wet		*3330*		*53*	*15-110*		
Surrogate: Nitrobenzene-d5	*2140*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: Phenol-d5	*1500*		µg/kg wet		*3330*		*45*	*15-110*		
Surrogate: Terphenyl-dl4	*2040*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3110*		µg/kg wet		*3330*		*93*	*15-110*		
LCS (9051711-BS1)										
Prepared & Analyzed: 26-May-09										
Acenaphthene	2120		µg/kg wet	330	3330		64	40-130		
Acenaphthylene	2130		µg/kg wet	330	3330		64	40-130		
Aniline	1290	QC2	µg/kg wet	330	3330		39	40-130		
Anthracene	2610		µg/kg wet	330	3330		78	40-130		
Atrazine	3510		µg/kg wet	330	3330		105	40-130		
Azobenzene/Diphenyldiazine	2110		µg/kg wet	330	3330		63	40-130		
Benzidine	BRL		µg/kg wet	330	3330			0-130		
Benzo (a) anthracene	2130		µg/kg wet	330	3330		64	40-130		
Benzo (a) pyrene	2410		µg/kg wet	330	3330		72	40-130		
Benzo (b) fluoranthene	2680		µg/kg wet	330	3330		80	40-130		
Benzo (g,h,i) perylene	1770		µg/kg wet	330	3330		53	40-130		
Benzo (k) fluoranthene	2620		µg/kg wet	330	3330		79	40-130		
Benzoic acid	1780		µg/kg wet	330	3330		54	0-161		
Benzyl alcohol	1990		µg/kg wet	330	3330		60	40-130		
Bis(2-chloroethoxy)methane	2210		µg/kg wet	330	3330		66	40-130		
Bis(2-chloroethyl)ether	2100		µg/kg wet	330	3330		63	40-130		
Bis(2-chloroisopropyl)ether	2090		µg/kg wet	330	3330		63	40-130		
Bis(2-ethylhexyl)phthalate	2420		µg/kg wet	330	3330		73	40-130		
4-Bromophenyl phenyl ether	3170		µg/kg wet	330	3330		95	40-130		
Butyl benzyl phthalate	2340		µg/kg wet	330	3330		70	40-130		
Carbazole	2590		µg/kg wet	330	3330		78	40-130		
4-Chloro-3-methylphenol	2300		µg/kg wet	330	3330		69	40-130		
4-Chloroaniline	1740		µg/kg wet	330	3330		52	40-130		
2-Chloronaphthalene	2140		µg/kg wet	330	3330		64	40-130		
2-Chlorophenol	1950		µg/kg wet	330	3330		58	40-130		
4-Chlorophenyl phenyl ether	2260		µg/kg wet	330	3330		68	40-130		
Chrysene	2170		µg/kg wet	330	3330		65	40-130		
Dibenzo (a,h) anthracene	2030		µg/kg wet	330	3330		61	40-130		
Dibenzofuran	2220		µg/kg wet	330	3330		67	40-130		
1,2-Dichlorobenzene	2080		µg/kg wet	330	3330		62	40-130		
1,3-Dichlorobenzene	1990		µg/kg wet	330	3330		60	40-130		
1,4-Dichlorobenzene	2200		µg/kg wet	330	3330		66	40-130		
3,3´-Dichlorobenzidine	1900		µg/kg wet	330	3330		57	40-130		
2,4-Dichlorophenol	2560		µg/kg wet	330	3330		77	40-130		
Diethyl phthalate	2280		µg/kg wet	330	3330		68	40-130		
Dimethyl phthalate	2360		µg/kg wet	330	3330		71	40-130		
2,4-Dimethylphenol	2260		µg/kg wet	330	3330		68	40-130		
Di-n-butyl phthalate	2700		µg/kg wet	330	3330		81	40-130		
4,6-Dinitro-2-methylphenol	816	QC2	µg/kg wet	330	3330		24	40-130		
2,4-Dinitrophenol	517	QC2	µg/kg wet	330	3330		16	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
LCS (9051711-BS1)										
Prepared & Analyzed: 26-May-09										
2,4-Dinitrotoluene	2430		µg/kg wet	330	3330		73	40-130		
2,6-Dinitrotoluene	2400		µg/kg wet	330	3330		72	40-130		
Di-n-octyl phthalate	2900		µg/kg wet	330	3330		87	40-130		
Fluoranthene	2520		µg/kg wet	330	3330		76	40-130		
Fluorene	2160		µg/kg wet	330	3330		65	40-130		
Hexachlorobenzene	2830		µg/kg wet	330	3330		85	40-130		
Hexachlorobutadiene	2680		µg/kg wet	330	3330		81	40-130		
Hexachlorocyclopentadiene	1370		µg/kg wet	330	3330		41	40-130		
Hexachloroethane	1920		µg/kg wet	330	3330		58	40-130		
Indeno (1,2,3-cd) pyrene	1980		µg/kg wet	330	3330		59	40-130		
Isophorone	2110		µg/kg wet	330	3330		63	40-130		
1-Methylnaphthalene	1960		µg/kg wet	330	3330		59	40-140		
2-Methylnaphthalene	2210		µg/kg wet	330	3330		66	40-130		
2-Methylphenol	1930		µg/kg wet	330	3330		58	40-130		
3 & 4-Methylphenol	1970		µg/kg wet	330	3330		59	40-130		
Naphthalene	2240		µg/kg wet	330	3330		67	40-130		
2-Nitroaniline	2170		µg/kg wet	330	3330		65	40-130		
3-Nitroaniline	1810		µg/kg wet	330	3330		54	40-130		
4-Nitroaniline	2190		µg/kg wet	1320	3330		66	40-130		
Nitrobenzene	2130		µg/kg wet	330	3330		64	40-130		
2-Nitrophenol	2390		µg/kg wet	330	3330		72	40-130		
4-Nitrophenol	2210		µg/kg wet	1320	3330		66	40-130		
N-Nitrosodimethylamine	1900		µg/kg wet	330	3330		57	40-130		
N-Nitrosodi-n-propylamine	2110		µg/kg wet	330	3330		63	40-130		
N-Nitrosodiphenylamine	2680		µg/kg wet	330	3330		80	40-130		
Pentachlorophenol	2410		µg/kg wet	330	3330		72	40-130		
Phenanthrene	2490		µg/kg wet	330	3330		75	40-130		
Phenol	1960		µg/kg wet	330	3330		59	40-130		
Pyrene	2140		µg/kg wet	330	3330		64	40-130		
Pyridine	731		µg/kg wet	330	3330		22	0-130		
1,2,4-Trichlorobenzene	2460		µg/kg wet	330	3330		74	40-130		
2,4,5-Trichlorophenol	2440		µg/kg wet	330	3330		73	40-130		
2,4,6-Trichlorophenol	2220		µg/kg wet	330	3330		67	40-130		
Pentachloronitrobenzene	3430		µg/kg wet	330	3330		103	40-140		
1,2,4,5-Tetrachlorobenzene	2620		µg/kg wet	330	3330		79	40-140		
Surrogate: 2-Fluorobiphenyl	*2100*		µg/kg wet		*3330*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1920*		µg/kg wet		*3330*		*58*	*15-110*		
Surrogate: Nitrobenzene-d5	*2260*		µg/kg wet		*3330*		*68*	*30-130*		
Surrogate: Phenol-d5	*1560*		µg/kg wet		*3330*		*47*	*15-110*		
Surrogate: Terphenyl-dl4	*2140*		µg/kg wet		*3330*		*64*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3470*		µg/kg wet		*3330*		*104*	*15-110*		
Duplicate (9051711-DUP1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	BRL		µg/kg dry	739		BRL				50
Acenaphthylene	BRL		µg/kg dry	739		BRL				50
Aniline	BRL		µg/kg dry	739		BRL				50
Anthracene	BRL		µg/kg dry	739		BRL				50
Atrazine	BRL		µg/kg dry	739		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	739		BRL				50
Benzidine	BRL		µg/kg dry	739		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
Duplicate (9051711-DUP1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzo (a) anthracene	BRL		µg/kg dry	739		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	739		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	739		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	739		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	739		BRL				50
Benzoic acid	BRL		µg/kg dry	739		BRL				50
Benzyl alcohol	BRL		µg/kg dry	739		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	739		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	739		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	739		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	739		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	739		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	739		BRL				50
Carbazole	BRL		µg/kg dry	739		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	739		BRL				50
4-Chloroaniline	BRL		µg/kg dry	739		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	739		BRL				50
2-Chlorophenol	BRL		µg/kg dry	739		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	739		BRL				50
Chrysene	BRL		µg/kg dry	739		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	739		BRL				50
Dibenzofuran	BRL		µg/kg dry	739		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	739		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	739		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	739		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	739		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	739		BRL				50
Diethyl phthalate	BRL		µg/kg dry	739		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	739		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	739		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	739		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	739		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	739		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	739		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	739		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	739		BRL				50
Fluoranthene	BRL		µg/kg dry	739		BRL				50
Fluorene	BRL		µg/kg dry	739		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	739		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	739		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	739		BRL				50
Hexachloroethane	BRL		µg/kg dry	739		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	739		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	739		BRL				50
Isophorone	BRL		µg/kg dry	739		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	739		BRL				50
2-Methylphenol	BRL		µg/kg dry	739		BRL				50
3 & 4-Methylphenol	BRL		µg/kg dry	739		BRL				50
Naphthalene	BRL		µg/kg dry	739		BRL				50

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
Duplicate (9051711-DUP1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
2-Nitroaniline	BRL		µg/kg dry	739		BRL				50
3-Nitroaniline	BRL		µg/kg dry	739		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2960		BRL				50
Nitrobenzene	BRL		µg/kg dry	739		BRL				50
2-Nitrophenol	BRL		µg/kg dry	739		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2960		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	739		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	739		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	739		BRL				50
Pentachlorophenol	BRL		µg/kg dry	739		BRL				50
Phenanthrene	BRL		µg/kg dry	739		BRL				50
Phenol	BRL		µg/kg dry	739		BRL				50
Pyrene	BRL		µg/kg dry	739		BRL				50
Pyridine	BRL		µg/kg dry	739		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	739		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	739		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	739		BRL				50
Pentachloronitrobenzene	BRL		µg/kg dry	739		BRL				50
1,2,4,5-Tetrachlorobenzene	BRL		µg/kg dry	739		BRL				50
Surrogate: 2-Fluorobiphenyl	*2850*		µg/kg dry		*3730*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*2340*		µg/kg dry		*3730*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*2840*		µg/kg dry		*3730*		*76*	*30-130*		
Surrogate: Phenol-d5	*1960*		µg/kg dry		*3730*		*52*	*15-110*		
Surrogate: Terphenyl-dl4	*2640*		µg/kg dry		*3730*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3800*		µg/kg dry		*3730*		*102*	*15-110*		
Matrix Spike (9051711-MS1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	2650		µg/kg dry	379	3830	BRL	69	40-140		
Benzo (b) fluoranthene	3340		µg/kg dry	379	3830	BRL	87	40-140		
Benzo (k) fluoranthene	3350		µg/kg dry	379	3830	BRL	88	40-140		
4-Chloro-3-methylphenol	2930		µg/kg dry	379	3830	BRL	76	30-130		
2-Chlorophenol	2450		µg/kg dry	379	3830	BRL	64	30-130		
Chrysene	2690		µg/kg dry	379	3830	BRL	70	40-140		
1,4-Dichlorobenzene	2780		µg/kg dry	379	3830	BRL	73	40-140		
Indeno (1,2,3-cd) pyrene	2540		µg/kg dry	379	3830	BRL	66	40-140		
Naphthalene	2870		µg/kg dry	379	3830	BRL	75	40-140		
4-Nitrophenol	2760		µg/kg dry	1520	3830	BRL	72	30-130		
N-Nitrosodi-n-propylamine	2670		µg/kg dry	379	3830	BRL	70	40-140		
Pentachlorophenol	3260		µg/kg dry	379	3830	BRL	85	30-130		
Phenol	2470		µg/kg dry	379	3830	BRL	64	30-130		
Pyrene	2690		µg/kg dry	379	3830	BRL	70	40-140		
1,2,4-Trichlorobenzene	3160		µg/kg dry	379	3830	BRL	82	40-140		
Surrogate: 2-Fluorobiphenyl	*2610*		µg/kg dry		*3830*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*2340*		µg/kg dry		*3830*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*2840*		µg/kg dry		*3830*		*74*	*30-130*		
Surrogate: Phenol-d5	*1880*		µg/kg dry		*3830*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*2650*		µg/kg dry		*3830*		*69*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4370*	SGC	µg/kg dry		*3830*		*114*	*15-110*		
Matrix Spike Dup (9051711-MSD1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Acenaphthene	2590		µg/kg dry	374	3780	BRL	69	40-140	0.8	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051711 - SW846 3545A										
Matrix Spike Dup (9051711-MSD1) **Source: SA95248-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Benzo (b) fluoranthene	2870		µg/kg dry	374	3780	BRL	76	40-140	14	30
Benzo (k) fluoranthene	4070		µg/kg dry	374	3780	BRL	108	40-140	21	30
4-Chloro-3-methylphenol	2820		µg/kg dry	374	3780	BRL	75	30-130	2	30
2-Chlorophenol	2390		µg/kg dry	374	3780	BRL	63	30-130	0.9	30
Chrysene	2660		µg/kg dry	374	3780	BRL	70	40-140	0.4	30
1,4-Dichlorobenzene	2700		µg/kg dry	374	3780	BRL	71	40-140	2	30
Indeno (1,2,3-cd) pyrene	2620		µg/kg dry	374	3780	BRL	69	40-140	5	30
Naphthalene	2780		µg/kg dry	374	3780	BRL	73	40-140	2	30
4-Nitrophenol	2700		µg/kg dry	1500	3780	BRL	71	30-130	0.6	30
N-Nitrosodi-n-propylamine	2590		µg/kg dry	374	3780	BRL	69	40-140	2	30
Pentachlorophenol	3050		µg/kg dry	374	3780	BRL	81	30-130	5	30
Phenol	2430		µg/kg dry	374	3780	BRL	64	30-130	0.3	30
Pyrene	2600		µg/kg dry	374	3780	BRL	69	40-140	2	30
1,2,4-Trichlorobenzene	3060		µg/kg dry	374	3780	BRL	81	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*2530*		µg/kg dry		*3780*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*2280*		µg/kg dry		*3780*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*2730*		µg/kg dry		*3780*		*72*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg dry		*3780*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*2560*		µg/kg dry		*3780*		*68*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4130*		µg/kg dry		*3780*		*109*	*15-110*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051594 - SW846 3545A										
Blank (9051594-BLK1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: Decachlorobiphenyl (Sr)	*21.5*		µg/kg wet		*20.0*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.9*		µg/kg wet		*20.0*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.7*		µg/kg wet		*20.0*		*109*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*20.5*		µg/kg wet		*20.0*		*103*	*30-150*		
LCS (9051594-BS1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	245		µg/kg wet	20.0	250		98	50-140		
Aroclor-1016 [2C]	229		µg/kg wet	20.0	250		92	50-140		
Aroclor-1260	227		µg/kg wet	20.0	250		91	50-140		
Aroclor-1260 [2C]	214		µg/kg wet	20.0	250		86	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*18.8*		µg/kg wet		*20.0*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.0*		µg/kg wet		*20.0*		*105*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg wet		*20.0*		*88*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*18.4*		µg/kg wet		*20.0*		*92*	*30-150*		
LCS Dup (9051594-BSD1)										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	232		µg/kg wet	20.0	250		93	50-140	5	30
Aroclor-1016 [2C]	218		µg/kg wet	20.0	250		87	50-140	5	30
Aroclor-1260	215		µg/kg wet	20.0	250		86	50-140	5	30
Aroclor-1260 [2C]	213		µg/kg wet	20.0	250		85	50-140	0.4	30
Surrogate: Decachlorobiphenyl (Sr)	*17.3*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*21.3*		µg/kg wet		*20.0*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.6*		µg/kg wet		*20.0*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*17.5*		µg/kg wet		*20.0*		*88*	*30-150*		
Duplicate (9051594-DUP1) **Source: SA95187-01**										
Prepared & Analyzed: 22-May-09										
Aroclor-1016	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1016 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1221	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1221 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1232	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1232 [2C]	BRL		µg/kg dry	12.5		BRL				40

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051594 - SW846 3545A										
Duplicate (9051594-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Aroclor-1242	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1242 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1248	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1248 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1254	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1254 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1260	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1260 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1262	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1262 [2C]	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1268	BRL		µg/kg dry	12.5		BRL				40
Aroclor-1268 [2C]	BRL		µg/kg dry	12.5		BRL				40
Surrogate: Decachlorobiphenyl (Sr)	*10.7*		µg/kg dry		*12.5*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*10.4*		µg/kg dry		*12.5*		*83*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.1*		µg/kg dry		*12.5*		*89*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*8.24*		µg/kg dry		*12.5*		*66*	*30-150*		
Matrix Spike (9051594-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Aroclor-1016	101		µg/kg dry	12.6	157	BRL	64	40-135		
Aroclor-1016 [2C]	108		µg/kg dry	12.6	157	BRL	69	40-135		
Aroclor-1260	113		µg/kg dry	12.6	157	BRL	72	40-135		
Aroclor-1260 [2C]	111		µg/kg dry	12.6	157	BRL	70	40-135		
Surrogate: Decachlorobiphenyl (Sr)	*9.75*		µg/kg dry		*12.6*		*78*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*10.3*		µg/kg dry		*12.6*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*9.75*		µg/kg dry		*12.6*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.12*		µg/kg dry		*12.6*		*73*	*30-150*		
Matrix Spike Dup (9051594-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Aroclor-1016	99.9		µg/kg dry	12.4	155	BRL	65	40-135	0.5	15
Aroclor-1016 [2C]	99.4		µg/kg dry	12.4	155	BRL	64	40-135	7	15
Aroclor-1260	114		µg/kg dry	12.4	155	BRL	74	40-135	2	20
Aroclor-1260 [2C]	106		µg/kg dry	12.4	155	BRL	68	40-135	3	20
Surrogate: Decachlorobiphenyl (Sr)	*9.09*		µg/kg dry		*12.4*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*8.91*		µg/kg dry		*12.4*		*72*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.2*		µg/kg dry		*12.4*		*82*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*8.66*		µg/kg dry		*12.4*		*70*	*30-150*		
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg wet	14.0						
alpha-BHC [2C]	BRL		µg/kg wet	14.0						
beta-BHC	BRL		µg/kg wet	14.0						
beta-BHC [2C]	BRL		µg/kg wet	14.0						
delta-BHC	BRL		µg/kg wet	14.0						
delta-BHC [2C]	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane)	BRL		µg/kg wet	14.0						
gamma-BHC (Lindane) [2C]	BRL		µg/kg wet	14.0						
Heptachlor	BRL		µg/kg wet	14.0						
Heptachlor [2C]	BRL		µg/kg wet	14.0						
Aldrin	BRL		µg/kg wet	14.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Blank (9051599-BLK1)										
Prepared & Analyzed: 22-May-09										
Aldrin [2C]	BRL		µg/kg wet	14.0						
Heptachlor epoxide	BRL		µg/kg wet	14.0						
Heptachlor epoxide [2C]	BRL		µg/kg wet	14.0						
Endosulfan I	BRL		µg/kg wet	14.0						
Endosulfan I [2C]	BRL		µg/kg wet	14.0						
Dieldrin	BRL		µg/kg wet	14.0						
Dieldrin [2C]	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.0						
4,4'-DDE (p,p') [2C]	BRL		µg/kg wet	14.0						
Endrin	BRL		µg/kg wet	14.0						
Endrin [2C]	BRL		µg/kg wet	14.0						
Endosulfan II	BRL		µg/kg wet	21.0						
Endosulfan II [2C]	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDD (p,p') [2C]	BRL		µg/kg wet	21.0						
Endosulfan sulfate	BRL		µg/kg wet	21.0						
Endosulfan sulfate [2C]	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p')	BRL		µg/kg wet	21.0						
4,4'-DDT (p,p') [2C]	BRL		µg/kg wet	21.0						
Methoxychlor	BRL		µg/kg wet	21.0						
Methoxychlor [2C]	BRL		µg/kg wet	21.0						
Endrin ketone	BRL		µg/kg wet	21.0						
Endrin ketone [2C]	BRL		µg/kg wet	21.0						
Endrin aldehyde	BRL		µg/kg wet	21.0						
Endrin aldehyde [2C]	BRL		µg/kg wet	21.0						
alpha-Chlordane	BRL		µg/kg wet	14.0						
alpha-Chlordane [2C]	BRL		µg/kg wet	14.0						
gamma-Chlordane	BRL		µg/kg wet	14.0						
gamma-Chlordane [2C]	BRL		µg/kg wet	14.0						
Toxaphene	BRL		µg/kg wet	280						
Toxaphene [2C]	BRL		µg/kg wet	280						
Chlordane	BRL		µg/kg wet	35.0						
Chlordane [2C]	BRL		µg/kg wet	35.0						
Alachlor	BRL		µg/kg wet	14.0						
Alachlor [2C]	BRL		µg/kg wet	14.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*20.0*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*15.0*		µg/kg wet		*20.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*BRL*		µg/kg wet		*20.0*		*47*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*BRL*		µg/kg wet		*20.0*		*30*	*30-150*		
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140		
alpha-BHC [2C]	16.6		µg/kg wet	14.0	20.0		83	40-140		
beta-BHC	17.4		µg/kg wet	14.0	20.0		87	40-140		
beta-BHC [2C]	20.0		µg/kg wet	14.0	20.0		100	40-140		
delta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140		
delta-BHC [2C]	16.9		µg/kg wet	14.0	20.0		85	40-140		
gamma-BHC (Lindane)	18.0		µg/kg wet	14.0	20.0		90	50-120		
gamma-BHC (Lindane) [2C]	16.7		µg/kg wet	14.0	20.0		84	50-120		
Heptachlor	17.6		µg/kg wet	14.0	20.0		88	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS (9051599-BS1)										
Prepared & Analyzed: 22-May-09										
Heptachlor [2C]	17.0		µg/kg wet	14.0	20.0		85	40-140		
Aldrin	16.6		µg/kg wet	14.0	20.0		83	40-140		
Aldrin [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
Heptachlor epoxide	17.0		µg/kg wet	14.0	20.0		85	50-150		
Heptachlor epoxide [2C]	16.8		µg/kg wet	14.0	20.0		84	50-150		
Endosulfan I	14.1		µg/kg wet	14.0	20.0		70	40-140		
Endosulfan I [2C]	17.4		µg/kg wet	14.0	20.0		87	40-140		
Dieldrin	17.0		µg/kg wet	14.0	20.0		85	30-130		
Dieldrin [2C]	18.7		µg/kg wet	14.0	20.0		93	30-130		
4,4'-DDE (p,p')	16.7		µg/kg wet	14.0	20.0		83	50-150		
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150		
Endrin	16.1		µg/kg wet	14.0	20.0		81	50-120		
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		88	50-120		
Endosulfan II	16.7		µg/kg wet	14.0	20.0		83	40-140		
Endosulfan II [2C]	19.1		µg/kg wet	14.0	20.0		96	40-140		
4,4'-DDD (p,p')	16.8		µg/kg wet	14.0	20.0		84	40-140		
4,4'-DDD (p,p') [2C]	17.6		µg/kg wet	14.0	20.0		88	40-140		
Endosulfan sulfate	16.4		µg/kg wet	14.0	20.0		82	50-120		
Endosulfan sulfate [2C]	18.7		µg/kg wet	14.0	20.0		93	50-120		
4,4'-DDT (p,p')	16.2		µg/kg wet	14.0	20.0		81	40-140		
4,4'-DDT (p,p') [2C]	16.1		µg/kg wet	14.0	20.0		81	40-140		
Methoxychlor	15.9		µg/kg wet	14.0	20.0		80	40-140		
Methoxychlor [2C]	19.7		µg/kg wet	14.0	20.0		98	40-140		
Endrin ketone	16.3		µg/kg wet	14.0	20.0		82	40-140		
Endrin ketone [2C]	19.0		µg/kg wet	14.0	20.0		95	40-140		
Endrin aldehyde	17.7		µg/kg wet	14.0	20.0		89	40-140		
Endrin aldehyde [2C]	15.8		µg/kg wet	14.0	20.0		79	40-140		
alpha-Chlordane	17.1		µg/kg wet	14.0	20.0		85	40-140		
alpha-Chlordane [2C]	15.9		µg/kg wet	14.0	20.0		79	40-140		
gamma-Chlordane	16.8		µg/kg wet	14.0	20.0		84	30-130		
gamma-Chlordane [2C]	16.8		µg/kg wet	14.0	20.0		84	30-130		
Alachlor	14.9		µg/kg wet	14.0	20.0		74	40-140		
Alachlor [2C]	14.6		µg/kg wet	14.0	20.0		73	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.0*		µg/kg wet		*20.0*		*85*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.5*		µg/kg wet		*20.0*		*83*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.63*		µg/kg wet		*20.0*		*48*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*8.34*		µg/kg wet		*20.0*		*42*	*30-150*		
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
alpha-BHC	17.8		µg/kg wet	14.0	20.0		89	40-140	0.4	30
alpha-BHC [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	4	30
beta-BHC	18.3		µg/kg wet	14.0	20.0		91	40-140	5	30
beta-BHC [2C]	20.1		µg/kg wet	14.0	20.0		100	40-140	0.2	30
delta-BHC	19.1		µg/kg wet	14.0	20.0		96	40-140	4	30
delta-BHC [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30
gamma-BHC (Lindane)	18.6		µg/kg wet	14.0	20.0		93	50-120	3	30
gamma-BHC (Lindane) [2C]	17.0		µg/kg wet	14.0	20.0		85	50-120	2	30
Heptachlor	18.0		µg/kg wet	14.0	20.0		90	40-140	2	30
Heptachlor [2C]	17.2		µg/kg wet	14.0	20.0		86	40-140	2	30
Aldrin	17.3		µg/kg wet	14.0	20.0		87	40-140	5	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
LCS Dup (9051599-BSD1)										
Prepared & Analyzed: 22-May-09										
Aldrin [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	3	30
Heptachlor epoxide	18.2		µg/kg wet	14.0	20.0		91	50-150	7	30
Heptachlor epoxide [2C]	17.1		µg/kg wet	14.0	20.0		86	50-150	2	30
Endosulfan I	18.7		µg/kg wet	14.0	20.0		94	40-140	28	30
Endosulfan I [2C]	17.7		µg/kg wet	14.0	20.0		88	40-140	1	30
Dieldrin	17.7		µg/kg wet	14.0	20.0		88	30-130	4	30
Dieldrin [2C]	18.3		µg/kg wet	14.0	20.0		92	30-130	2	30
4,4'-DDE (p,p')	17.7		µg/kg wet	14.0	20.0		88	50-150	6	30
4,4'-DDE (p,p') [2C]	16.3		µg/kg wet	14.0	20.0		81	50-150	0.006	30
Endrin	17.7		µg/kg wet	14.0	20.0		89	50-120	9	30
Endrin [2C]	17.7		µg/kg wet	14.0	20.0		89	50-120	0.2	30
Endosulfan II	17.6		µg/kg wet	14.0	20.0		88	40-140	5	30
Endosulfan II [2C]	17.9		µg/kg wet	14.0	20.0		90	40-140	6	30
4,4'-DDD (p,p')	17.9		µg/kg wet	14.0	20.0		90	40-140	7	30
4,4'-DDD (p,p') [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	2	30
Endosulfan sulfate	17.5		µg/kg wet	14.0	20.0		87	50-120	7	30
Endosulfan sulfate [2C]	18.3		µg/kg wet	14.0	20.0		92	50-120	2	30
4,4'-DDT (p,p')	17.7		µg/kg wet	14.0	20.0		88	40-140	9	30
4,4'-DDT (p,p') [2C]	17.1		µg/kg wet	14.0	20.0		86	40-140	6	30
Methoxychlor	16.8		µg/kg wet	14.0	20.0		84	40-140	5	30
Methoxychlor [2C]	19.2		µg/kg wet	14.0	20.0		96	40-140	2	30
Endrin ketone	17.3		µg/kg wet	14.0	20.0		86	40-140	5	30
Endrin ketone [2C]	18.1		µg/kg wet	14.0	20.0		91	40-140	5	30
Endrin aldehyde	19.4		µg/kg wet	14.0	20.0		97	40-140	9	30
Endrin aldehyde [2C]	15.6		µg/kg wet	14.0	20.0		78	40-140	1	30
alpha-Chlordane	18.1		µg/kg wet	14.0	20.0		91	40-140	6	30
alpha-Chlordane [2C]	17.3		µg/kg wet	14.0	20.0		86	40-140	9	30
gamma-Chlordane	18.2		µg/kg wet	14.0	20.0		91	30-130	8	30
gamma-Chlordane [2C]	16.9		µg/kg wet	14.0	20.0		84	30-130	0.5	30
Alachlor	17.1		µg/kg wet	14.0	20.0		85	40-140	14	30
Alachlor [2C]	16.2		µg/kg wet	14.0	20.0		81	40-140	10	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.3*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*16.9*		µg/kg wet		*20.0*		*84*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*10.7*		µg/kg wet		*20.0*		*53*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*7.98*		µg/kg wet		*20.0*		*40*	*30-150*		
Duplicate (9051599-DUP1) **Source: SA95187-01**										
Prepared & Analyzed: 22-May-09										
alpha-BHC	BRL		µg/kg dry	8.74		BRL				30
alpha-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
beta-BHC	BRL		µg/kg dry	8.74		BRL				30
beta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
delta-BHC	BRL		µg/kg dry	8.74		BRL				30
delta-BHC [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane)	BRL		µg/kg dry	8.74		BRL				30
gamma-BHC (Lindane) [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor	BRL		µg/kg dry	8.74		BRL				30
Heptachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Aldrin	BRL		µg/kg dry	8.74		BRL				30
Aldrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Heptachlor epoxide	BRL		µg/kg dry	8.74		BRL				30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Duplicate (9051599-DUP1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Heptachlor epoxide [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I	BRL		µg/kg dry	8.74		BRL				30
Endosulfan I [2C]	BRL		µg/kg dry	8.74		BRL				30
Dieldrin	BRL		µg/kg dry	7.00		BRL				30
Dieldrin [2C]	BRL		µg/kg dry	7.00		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	8.74		BRL				30
4,4'-DDE (p,p') [2C]	BRL		µg/kg dry	8.74		BRL				30
Endrin	BRL		µg/kg dry	8.74		BRL				30
Endrin [2C]	BRL		µg/kg dry	8.74		BRL				30
Endosulfan II	BRL		µg/kg dry	13.1		BRL				30
Endosulfan II [2C]	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDD (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate	BRL		µg/kg dry	13.1		BRL				30
Endosulfan sulfate [2C]	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	13.1		BRL				30
4,4'-DDT (p,p') [2C]	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor	BRL		µg/kg dry	13.1		BRL				30
Methoxychlor [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone	BRL		µg/kg dry	13.1		BRL				30
Endrin ketone [2C]	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde	BRL		µg/kg dry	13.1		BRL				30
Endrin aldehyde [2C]	BRL		µg/kg dry	13.1		BRL				30
alpha-Chlordane	BRL		µg/kg dry	8.74		BRL				30
alpha-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane	BRL		µg/kg dry	8.74		BRL				30
gamma-Chlordane [2C]	BRL		µg/kg dry	8.74		BRL				30
Toxaphene	BRL		µg/kg dry	175		BRL				30
Toxaphene [2C]	BRL		µg/kg dry	175		BRL				30
Chlordane	BRL		µg/kg dry	21.9		BRL				30
Chlordane [2C]	BRL		µg/kg dry	21.9		BRL				30
Alachlor	BRL		µg/kg dry	8.74		BRL				30
Alachlor [2C]	BRL		µg/kg dry	8.74		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.2*		µg/kg dry		*12.5*		*90*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.04*		µg/kg dry		*12.5*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.76*		µg/kg dry		*12.5*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.10*	J	µg/kg dry		*12.5*		*41*	*30-150*		
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
alpha-BHC [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
beta-BHC	11.3		µg/kg dry	8.83	12.6	BRL	90	30-150		
beta-BHC [2C]	13.6		µg/kg dry	8.83	12.6	BRL	107	30-150		
delta-BHC	13.3		µg/kg dry	8.83	12.6	BRL	105	30-150		
delta-BHC [2C]	10.2		µg/kg dry	8.83	12.6	BRL	81	30-150		
gamma-BHC (Lindane)	12.2		µg/kg dry	8.83	12.6	BRL	96	46-127		
gamma-BHC (Lindane) [2C]	9.98		µg/kg dry	8.83	12.6	BRL	79	46-127		
Heptachlor	11.5		µg/kg dry	8.83	12.6	BRL	91	35-130		
Heptachlor [2C]	10.3		µg/kg dry	8.83	12.6	BRL	81	35-130		
Aldrin	10.5		µg/kg dry	8.83	12.6	BRL	83	34-132		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike (9051599-MS1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Aldrin [2C]	9.43		µg/kg dry	8.83	12.6	BRL	75	34-132		
Heptachlor epoxide	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Heptachlor epoxide [2C]	10.1		µg/kg dry	8.83	12.6	BRL	80	30-150		
Endosulfan I	10.9		µg/kg dry	8.83	12.6	BRL	86	30-150		
Endosulfan I [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	30-150		
Dieldrin	10.6		µg/kg dry	8.83	12.6	BRL	84	31-134		
Dieldrin [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	31-134		
4,4'-DDE (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDE (p,p') [2C]	9.83		µg/kg dry	8.83	12.6	BRL	78	30-150		
Endrin	10.4		µg/kg dry	8.83	12.6	BRL	83	42-139		
Endrin [2C]	10.9		µg/kg dry	8.83	12.6	BRL	87	42-139		
Endosulfan II	10.4		µg/kg dry	8.83	12.6	BRL	82	30-150		
Endosulfan II [2C]	11.3		µg/kg dry	8.83	12.6	BRL	89	30-150		
4,4'-DDD (p,p')	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
4,4'-DDD (p,p') [2C]	10.6		µg/kg dry	8.83	12.6	BRL	84	30-150		
Endosulfan sulfate	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Endosulfan sulfate [2C]	11.5		µg/kg dry	8.83	12.6	BRL	91	30-150		
4,4'-DDT (p,p')	10.1		µg/kg dry	8.83	12.6	BRL	80	23-134		
4,4'-DDT (p,p') [2C]	10.5		µg/kg dry	8.83	12.6	BRL	83	23-134		
Methoxychlor	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
Methoxychlor [2C]	11.1		µg/kg dry	8.83	12.6	BRL	88	30-150		
Endrin ketone	9.44		µg/kg dry	8.83	12.6	BRL	75	30-150		
Endrin ketone [2C]	11.7		µg/kg dry	8.83	12.6	BRL	93	30-150		
Endrin aldehyde	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
Endrin aldehyde [2C]	9.74		µg/kg dry	8.83	12.6	BRL	77	30-150		
alpha-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
alpha-Chlordane [2C]	10.3		µg/kg dry	8.83	12.6	BRL	82	30-150		
gamma-Chlordane	10.8		µg/kg dry	8.83	12.6	BRL	85	30-150		
gamma-Chlordane [2C]	10.7		µg/kg dry	8.83	12.6	BRL	85	30-150		
Alachlor	10.8		µg/kg dry	8.83	12.6	BRL	86	30-150		
Alachlor [2C]	10.0		µg/kg dry	8.83	12.6	BRL	79	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.7*		µg/kg dry		*12.6*		*93*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.76*		µg/kg dry		*12.6*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*5.85*		µg/kg dry		*12.6*		*46*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.45*		µg/kg dry		*12.6*		*43*	*30-150*		
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
alpha-BHC	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	30
alpha-BHC [2C]	10.2		µg/kg dry	8.73	12.5	BRL	81	30-150	0.5	30
beta-BHC	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	6	30
beta-BHC [2C]	13.5		µg/kg dry	8.73	12.5	BRL	108	30-150	1	30
delta-BHC	12.4		µg/kg dry	8.73	12.5	BRL	99	30-150	6	30
delta-BHC [2C]	10.0		µg/kg dry	8.73	12.5	BRL	81	30-150	0.4	30
gamma-BHC (Lindane)	11.3		µg/kg dry	8.73	12.5	BRL	90	46-127	7	50
gamma-BHC (Lindane) [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	46-127	2	50
Heptachlor	10.7		µg/kg dry	8.73	12.5	BRL	86	35-130	6	31
Heptachlor [2C]	10.1		µg/kg dry	8.73	12.5	BRL	81	35-130	0.2	31
Aldrin	10.2		µg/kg dry	8.73	12.5	BRL	82	34-132	1	43
Aldrin [2C]	9.33		µg/kg dry	8.73	12.5	BRL	75	34-132	0.1	43
Heptachlor epoxide	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.7	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051599 - SW846 3545A										
Matrix Spike Dup (9051599-MSD1)	**Source: SA95187-01**									
Prepared & Analyzed: 22-May-09										
Heptachlor epoxide [2C]	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	0.3	30
Endosulfan I	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	2	30
Endosulfan I [2C]	10.4		µg/kg dry	8.73	12.5	BRL	83	30-150	0.5	30
Dieldrin	10.3		µg/kg dry	8.73	12.5	BRL	83	31-134	2	38
Dieldrin [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	31-134	6	38
4,4'-DDE (p,p')	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	1	30
4,4'-DDE (p,p') [2C]	9.66		µg/kg dry	8.73	12.5	BRL	77	30-150	0.6	30
Endrin	10.3		µg/kg dry	8.73	12.5	BRL	83	42-139	0.2	45
Endrin [2C]	10.9		µg/kg dry	8.73	12.5	BRL	87	42-139	0.7	45
Endosulfan II	10.3		µg/kg dry	8.73	12.5	BRL	83	30-150	0.6	30
Endosulfan II [2C]	11.1		µg/kg dry	8.73	12.5	BRL	89	30-150	0.03	30
4,4'-DDD (p,p')	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	3	30
4,4'-DDD (p,p') [2C]	10.5		µg/kg dry	8.73	12.5	BRL	84	30-150	0.3	30
Endosulfan sulfate	10.0		µg/kg dry	8.73	12.5	BRL	80	30-150	1	30
Endosulfan sulfate [2C]	11.3		µg/kg dry	8.73	12.5	BRL	91	30-150	0.9	30
4,4'-DDT (p,p')	10.2		µg/kg dry	8.73	12.5	BRL	82	23-134	2	50
4,4'-DDT (p,p') [2C]	11.0		µg/kg dry	8.73	12.5	BRL	88	23-134	6	50
Methoxychlor	9.44		µg/kg dry	8.73	12.5	BRL	76	30-150	7	30
Methoxychlor [2C]	11.6		µg/kg dry	8.73	12.5	BRL	93	30-150	6	30
Endrin ketone	9.53		µg/kg dry	8.73	12.5	BRL	76	30-150	2	30
Endrin ketone [2C]	12.1		µg/kg dry	8.73	12.5	BRL	97	30-150	4	30
Endrin aldehyde	10.6		µg/kg dry	8.73	12.5	BRL	85	30-150	0.6	30
Endrin aldehyde [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	6	30
alpha-Chlordane	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	0.2	30
alpha-Chlordane [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	0.3	30
gamma-Chlordane	11.0		µg/kg dry	8.73	12.5	BRL	88	30-150	3	30
gamma-Chlordane [2C]	10.7		µg/kg dry	8.73	12.5	BRL	86	30-150	1	30
Alachlor	15.6		µg/kg dry	8.73	12.5	BRL	125	30-150	37	50
Alachlor [2C]	10.2		µg/kg dry	8.73	12.5	BRL	82	30-150	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.4*		µg/kg dry		*12.5*		*84*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*9.62*		µg/kg dry		*12.5*		*77*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.45*		µg/kg dry		*12.5*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*5.04*		µg/kg dry		*12.5*		*40*	*30-150*		
Batch 9051603 - SW846 3550B										
Blank (9051603-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
2,4,5-T	BRL		µg/kg wet	6.70						
2,4,5-T [2C]	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex)	BRL		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	BRL		µg/kg wet	6.70						
2,4-D	BRL		µg/kg wet	6.70						
2,4-D [2C]	BRL		µg/kg wet	6.70						
2,4-DB	BRL		µg/kg wet	6.70						
2,4-DB [2C]	BRL		µg/kg wet	6.70						
Dalapon	BRL		µg/kg wet	6.70						
Dalapon [2C]	BRL		µg/kg wet	6.70						
Dicamba	BRL		µg/kg wet	6.70						
Dicamba [2C]	BRL		µg/kg wet	6.70						
Dichlorprop	BRL		µg/kg wet	6.70						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051603 - SW846 3550B										
Blank (9051603-BLK1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
Dichlorprop [2C]	BRL		µg/kg wet	6.70						
Dinoseb	BRL		µg/kg wet	6.70						
Dinoseb [2C]	BRL		µg/kg wet	6.70						
MCPA	BRL		µg/kg wet	670						
MCPA [2C]	BRL		µg/kg wet	670						
MCPB	BRL		µg/kg wet	670						
MCPB [2C]	BRL		µg/kg wet	670						
MCPP	BRL		µg/kg wet	670						
MCPP [2C]	BRL		µg/kg wet	670						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.6*		µg/kg wet		*13.3*		*110*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*13.2*		µg/kg wet		*13.3*		*99*	*30-150*		
LCS (9051603-BS1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
2,4,5-T	21.3		µg/kg wet	6.70	33.3		64	40-140		
2,4,5-T [2C]	19.9		µg/kg wet	6.70	33.3		60	40-140		
2,4,5-TP (Silvex)	20.3		µg/kg wet	6.70	33.3		61	40-140		
2,4,5-TP (Silvex) [2C]	19.8		µg/kg wet	6.70	33.3		59	40-140		
2,4-D	19.1		µg/kg wet	6.70	33.3		57	40-140		
2,4-D [2C]	20.6		µg/kg wet	6.70	33.3		62	40-140		
2,4-DB	23.5		µg/kg wet	6.70	33.3		71	40-140		
2,4-DB [2C]	19.9		µg/kg wet	6.70	33.3		60	40-140		
Dalapon	16.6		µg/kg wet	6.70	33.3		50	40-140		
Dalapon [2C]	16.3		µg/kg wet	6.70	33.3		49	40-140		
Dicamba	20.0		µg/kg wet	6.70	33.3		60	40-140		
Dicamba [2C]	19.1		µg/kg wet	6.70	33.3		57	40-140		
Dichlorprop	21.5		µg/kg wet	6.70	33.3		64	40-140		
Dichlorprop [2C]	22.0		µg/kg wet	6.70	33.3		66	40-140		
Dinoseb	22.3		µg/kg wet	6.70	33.3		67	40-140		
Dinoseb [2C]	20.7		µg/kg wet	6.70	33.3		62	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.6*		µg/kg wet		*13.3*		*102*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.1*		µg/kg wet		*13.3*		*91*	*30-150*		
LCS (9051603-BS2)										
Prepared: 22-May-09 Analyzed: 26-May-09										
MCPA	7330		µg/kg wet	670	10000		73	40-140		
MCPA [2C]	8670		µg/kg wet	670	10000		87	40-140		
MCPB	7730		µg/kg wet	670	10000		77	40-140		
MCPB [2C]	7800		µg/kg wet	670	10000		78	40-140		
MCPP	8530		µg/kg wet	670	10000		85	40-140		
MCPP [2C]	8470		µg/kg wet	670	10000		85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.5*		µg/kg wet		*13.3*		*116*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*14.3*		µg/kg wet		*13.3*		*107*	*30-150*		
LCS Dup (9051603-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
2,4,5-T	22.5		µg/kg wet	6.70	33.3		68	40-140	6	25
2,4,5-T [2C]	20.9		µg/kg wet	6.70	33.3		63	40-140	5	25
2,4,5-TP (Silvex)	21.9		µg/kg wet	6.70	33.3		66	40-140	7	25
2,4,5-TP (Silvex) [2C]	20.8		µg/kg wet	6.70	33.3		62	40-140	5	25
2,4-D	19.1		µg/kg wet	6.70	33.3		57	40-140	0.3	25
2,4-D [2C]	18.6		µg/kg wet	6.70	33.3		56	40-140	10	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051603 - SW846 3550B										
LCS Dup (9051603-BSD1)										
Prepared: 22-May-09 Analyzed: 26-May-09										
2,4-DB	23.9		µg/kg wet	6.70	33.3		72	40-140	1	25
2,4-DB [2C]	20.5		µg/kg wet	6.70	33.3		62	40-140	3	25
Dalapon	17.0		µg/kg wet	6.70	33.3		51	40-140	2	25
Dalapon [2C]	17.3		µg/kg wet	6.70	33.3		52	40-140	6	25
Dicamba	20.3		µg/kg wet	6.70	33.3		61	40-140	2	25
Dicamba [2C]	20.0		µg/kg wet	6.70	33.3		60	40-140	5	25
Dichlorprop	24.9		µg/kg wet	6.70	33.3		75	40-140	15	25
Dichlorprop [2C]	23.9		µg/kg wet	6.70	33.3		72	40-140	8	25
Dinoseb	23.8		µg/kg wet	6.70	33.3		71	40-140	7	25
Dinoseb [2C]	21.4		µg/kg wet	6.70	33.3		64	40-140	3	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.9*		µg/kg wet		*13.3*		*112*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.9*		µg/kg wet		*13.3*		*97*	*30-150*		
LCS Dup (9051603-BSD2)										
Prepared: 22-May-09 Analyzed: 26-May-09										
MCPA	8270		µg/kg wet	670	10000		83	40-140	12	25
MCPA [2C]	9070		µg/kg wet	670	10000		91	40-140	5	25
MCPB	8330		µg/kg wet	670	10000		83	40-140	7	25
MCPB [2C]	8130		µg/kg wet	670	10000		81	40-140	4	25
MCPP	9470		µg/kg wet	670	10000		95	40-140	10	25
MCPP [2C]	8800		µg/kg wet	670	10000		88	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*13.3*		*128*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*14.7*		µg/kg wet		*13.3*		*110*	*30-150*		
Duplicate (9051603-DUP1) **Source: SA95187-01**										
Prepared: 22-May-09 Analyzed: 26-May-09										
2,4,5-T	BRL		µg/kg dry	6.70		BRL				30
2,4,5-T [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex)	BRL		µg/kg dry	6.70		BRL				30
2,4,5-TP (Silvex) [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-D	BRL		µg/kg dry	6.70		BRL				30
2,4-D [2C]	BRL		µg/kg dry	6.70		BRL				30
2,4-DB	BRL		µg/kg dry	6.70		BRL				30
2,4-DB [2C]	BRL		µg/kg dry	6.70		BRL				30
Dalapon	BRL		µg/kg dry	6.70		BRL				30
Dalapon [2C]	BRL		µg/kg dry	6.70		BRL				30
Dicamba	BRL		µg/kg dry	6.70		BRL				30
Dicamba [2C]	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop	BRL		µg/kg dry	6.70		BRL				30
Dichlorprop [2C]	BRL		µg/kg dry	6.70		BRL				30
Dinoseb	BRL		µg/kg dry	6.70		BRL				30
Dinoseb [2C]	BRL		µg/kg dry	6.70		BRL				30
MCPA	BRL		µg/kg dry	670		BRL				30
MCPA [2C]	BRL		µg/kg dry	670		BRL				30
MCPB	BRL		µg/kg dry	670		BRL				30
MCPB [2C]	BRL		µg/kg dry	670		BRL				30
MCPP	BRL		µg/kg dry	670		BRL				30
MCPP [2C]	BRL		µg/kg dry	670		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.9*		µg/kg dry		*16.7*		*71*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*12.0*		µg/kg dry		*16.7*		*72*	*30-150*		
Batch 9051733 - SW846 3510C										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051733 - SW846 3510C										
Blank (9051733-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Aroclor-1016	BRL		µg/l	0.200						
Aroclor-1016 [2C]	BRL		µg/l	0.200						
Aroclor-1221	BRL		µg/l	0.200						
Aroclor-1221 [2C]	BRL		µg/l	0.200						
Aroclor-1232	BRL		µg/l	0.200						
Aroclor-1232 [2C]	BRL		µg/l	0.200						
Aroclor-1242	BRL		µg/l	0.200						
Aroclor-1242 [2C]	BRL		µg/l	0.200						
Aroclor-1248	BRL		µg/l	0.200						
Aroclor-1248 [2C]	BRL		µg/l	0.200						
Aroclor-1254	BRL		µg/l	0.200						
Aroclor-1254 [2C]	BRL		µg/l	0.200						
Aroclor-1260	BRL		µg/l	0.200						
Aroclor-1260 [2C]	BRL		µg/l	0.200						
Aroclor-1262	BRL		µg/l	0.200						
Aroclor-1262 [2C]	BRL		µg/l	0.200						
Aroclor-1268	BRL		µg/l	0.200						
Aroclor-1268 [2C]	BRL		µg/l	0.200						
Surrogate: Decachlorobiphenyl (Sr)	*0.192*		µg/l		*0.200*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.191*		µg/l		*0.200*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.161*		µg/l		*0.200*		*80*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.169*		µg/l		*0.200*		*84*	*30-150*		
LCS (9051733-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Aroclor-1016	2.55		µg/l	0.200	2.50		102	50-140		
Aroclor-1016 [2C]	2.23		µg/l	0.200	2.50		89	50-140		
Aroclor-1260	2.51		µg/l	0.200	2.50		100	50-140		
Aroclor-1260 [2C]	2.14		µg/l	0.200	2.50		86	50-140		
Surrogate: Decachlorobiphenyl (Sr)	*0.202*		µg/l		*0.200*		*101*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.183*		µg/l		*0.200*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.157*		µg/l		*0.200*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.166*		µg/l		*0.200*		*83*	*30-150*		
LCS Dup (9051733-BSD1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Aroclor-1016	2.49		µg/l	0.200	2.50		100	50-140	2	30
Aroclor-1016 [2C]	2.22		µg/l	0.200	2.50		89	50-140	0.6	30
Aroclor-1260	2.33		µg/l	0.200	2.50		93	50-140	7	30
Aroclor-1260 [2C]	2.14		µg/l	0.200	2.50		86	50-140	0	30
Surrogate: Decachlorobiphenyl (Sr)	*0.171*		µg/l		*0.200*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.185*		µg/l		*0.200*		*92*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.157*		µg/l		*0.200*		*78*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.166*		µg/l		*0.200*		*83*	*30-150*		
Batch 9051864 - SW846 3510C										
Blank (9051864-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
alpha-BHC	BRL		µg/l	0.2000						
alpha-BHC [2C]	BRL		µg/l	0.2000						
beta-BHC	BRL		µg/l	0.2000						
beta-BHC [2C]	BRL		µg/l	0.2000						
delta-BHC	BRL		µg/l	0.2000						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051864 - SW846 3510C										
Blank (9051864-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
delta-BHC [2C]	BRL		µg/l	0.2000						
gamma-BHC (Lindane)	BRL		µg/l	0.2000						
gamma-BHC (Lindane) [2C]	BRL		µg/l	0.2000						
Heptachlor	BRL		µg/l	0.2000						
Heptachlor [2C]	BRL		µg/l	0.2000						
Aldrin	BRL		µg/l	0.2000						
Aldrin [2C]	BRL		µg/l	0.2000						
Heptachlor epoxide	BRL		µg/l	0.2000						
Heptachlor epoxide [2C]	BRL		µg/l	0.2000						
Endosulfan I	BRL		µg/l	0.2000						
Endosulfan I [2C]	BRL		µg/l	0.2000						
Dieldrin	BRL		µg/l	0.2000						
Dieldrin [2C]	BRL		µg/l	0.2000						
4,4'-DDE (p,p')	BRL		µg/l	0.2000						
4,4'-DDE (p,p') [2C]	BRL		µg/l	0.2000						
Endrin	BRL		µg/l	0.4000						
Endrin [2C]	BRL		µg/l	0.4000						
Endosulfan II	BRL		µg/l	0.4000						
Endosulfan II [2C]	BRL		µg/l	0.4000						
4,4'-DDD (p,p')	BRL		µg/l	0.4000						
4,4'-DDD (p,p') [2C]	BRL		µg/l	0.4000						
Endosulfan sulfate	BRL		µg/l	0.4000						
Endosulfan sulfate [2C]	BRL		µg/l	0.4000						
4,4'-DDT (p,p')	BRL		µg/l	0.4000						
4,4'-DDT (p,p') [2C]	BRL		µg/l	0.4000						
Methoxychlor	BRL		µg/l	0.4000						
Methoxychlor [2C]	BRL		µg/l	0.4000						
Endrin ketone	BRL		µg/l	0.4000						
Endrin ketone [2C]	BRL		µg/l	0.4000						
Endrin aldehyde	BRL		µg/l	0.4000						
Endrin aldehyde [2C]	BRL		µg/l	0.4000						
alpha-Chlordane	BRL		µg/l	0.2000						
alpha-Chlordane [2C]	BRL		µg/l	0.2000						
gamma-Chlordane	BRL		µg/l	0.2000						
gamma-Chlordane [2C]	BRL		µg/l	0.2000						
Toxaphene	BRL		µg/l	5.000						
Toxaphene [2C]	BRL		µg/l	5.000						
Chlordane	BRL		µg/l	5.000						
Chlordane [2C]	BRL		µg/l	0.6500						
Alachlor	BRL		µg/l	0.2000						
Alachlor [2C]	BRL		µg/l	0.2000						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.124*		µg/l		*0.200*		*62*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.152*		µg/l		*0.200*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0781*		µg/l		*0.200*		*39*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0923*		µg/l		*0.200*		*46*	*30-150*		
LCS (9051864-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
alpha-BHC	0.3012		µg/l	0.2000	0.400		75	40-140		
alpha-BHC [2C]	0.2952		µg/l	0.2000	0.400		74	40-140		
beta-BHC	0.2929		µg/l	0.2000	0.400		73	40-140		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051864 - SW846 3510C										
LCS (9051864-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
beta-BHC [2C]	0.2955		µg/l	0.2000	0.400		74	40-140		
delta-BHC	0.2959		µg/l	0.2000	0.400		74	40-140		
delta-BHC [2C]	0.2887		µg/l	0.2000	0.400		72	40-140		
gamma-BHC (Lindane)	0.2952		µg/l	0.2000	0.400		74	50-120		
gamma-BHC (Lindane) [2C]	0.2937		µg/l	0.2000	0.400		73	50-120		
Heptachlor	0.3012		µg/l	0.2000	0.400		75	40-140		
Heptachlor [2C]	0.2930		µg/l	0.2000	0.400		73	40-140		
Aldrin	0.3037		µg/l	0.2000	0.400		76	40-140		
Aldrin [2C]	0.2998		µg/l	0.2000	0.400		75	40-140		
Heptachlor epoxide	0.3146		µg/l	0.2000	0.400		79	50-150		
Heptachlor epoxide [2C]	0.3084		µg/l	0.2000	0.400		77	50-150		
Endosulfan I	0.3103		µg/l	0.2000	0.400		78	40-140		
Endosulfan I [2C]	0.3056		µg/l	0.2000	0.400		76	40-140		
Dieldrin	0.3087		µg/l	0.2000	0.400		77	30-130		
Dieldrin [2C]	0.2892		µg/l	0.2000	0.400		72	30-130		
4,4'-DDE (p,p')	0.3158		µg/l	0.2000	0.400		79	50-150		
4,4'-DDE (p,p') [2C]	0.3047		µg/l	0.2000	0.400		76	50-150		
Endrin	0.3175		µg/l	0.4000	0.400		79	50-120		
Endrin [2C]	0.2818		µg/l	0.4000	0.400		70	50-120		
Endosulfan II	0.3178		µg/l	0.4000	0.400		79	40-140		
Endosulfan II [2C]	0.2715		µg/l	0.4000	0.400		68	40-140		
4,4'-DDD (p,p')	0.3389		µg/l	0.4000	0.400		85	40-140		
4,4'-DDD (p,p') [2C]	0.2929		µg/l	0.4000	0.400		73	40-140		
Endosulfan sulfate	0.3052		µg/l	0.4000	0.400		76	50-120		
Endosulfan sulfate [2C]	0.2836		µg/l	0.4000	0.400		71	50-120		
4,4'-DDT (p,p')	0.2603		µg/l	0.4000	0.400		65	40-140		
4,4'-DDT (p,p') [2C]	0.2496		µg/l	0.4000	0.400		62	40-140		
Methoxychlor	0.2744		µg/l	0.4000	0.400		69	40-140		
Methoxychlor [2C]	0.2675		µg/l	0.4000	0.400		67	40-140		
Endrin ketone	0.3007		µg/l	0.4000	0.400		75	40-140		
Endrin ketone [2C]	0.2839		µg/l	0.4000	0.400		71	40-140		
Endrin aldehyde	0.3053		µg/l	0.4000	0.400		76	40-140		
Endrin aldehyde [2C]	0.2776		µg/l	0.4000	0.400		69	40-140		
alpha-Chlordane	0.3203		µg/l	0.2000	0.400		80	40-140		
alpha-Chlordane [2C]	0.3101		µg/l	0.2000	0.400		78	40-140		
gamma-Chlordane	0.3119		µg/l	0.2000	0.400		78	30-130		
gamma-Chlordane [2C]	0.3109		µg/l	0.2000	0.400		78	30-130		
Alachlor	0.3336		µg/l	0.2000	0.400		83	40-140		
Alachlor [2C]	0.3504		µg/l	0.2000	0.400		88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.151*		µg/l		*0.200*		*76*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.152*		µg/l		*0.200*		*76*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0982*		µg/l		*0.200*		*49*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0966*		µg/l		*0.200*		*48*	*30-150*		
LCS Dup (9051864-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
alpha-BHC	0.2901		µg/l	0.2000	0.400		73	40-140	4	20
alpha-BHC [2C]	0.2837		µg/l	0.2000	0.400		71	40-140	4	20
beta-BHC	0.2810		µg/l	0.2000	0.400		70	40-140	4	20
beta-BHC [2C]	0.2849		µg/l	0.2000	0.400		71	40-140	4	20
delta-BHC	0.2875		µg/l	0.2000	0.400		72	40-140	3	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051864 - SW846 3510C										
LCS Dup (9051864-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
delta-BHC [2C]	0.2750		µg/l	0.2000	0.400		69	40-140	5	20
gamma-BHC (Lindane)	0.2851		µg/l	0.2000	0.400		71	50-120	3	20
gamma-BHC (Lindane) [2C]	0.2819		µg/l	0.2000	0.400		70	50-120	4	20
Heptachlor	0.2904		µg/l	0.2000	0.400		73	40-140	4	20
Heptachlor [2C]	0.2821		µg/l	0.2000	0.400		71	40-140	4	20
Aldrin	0.2949		µg/l	0.2000	0.400		74	40-140	3	20
Aldrin [2C]	0.2888		µg/l	0.2000	0.400		72	40-140	4	20
Heptachlor epoxide	0.3028		µg/l	0.2000	0.400		76	50-150	4	20
Heptachlor epoxide [2C]	0.2943		µg/l	0.2000	0.400		74	50-150	5	20
Endosulfan I	0.3096		µg/l	0.2000	0.400		77	40-140	0.2	20
Endosulfan I [2C]	0.2972		µg/l	0.2000	0.400		74	40-140	3	20
Dieldrin	0.2998		µg/l	0.2000	0.400		75	30-130	3	20
Dieldrin [2C]	0.2876		µg/l	0.2000	0.400		72	30-130	0.5	20
4,4'-DDE (p,p')	0.3084		µg/l	0.2000	0.400		77	50-150	2	20
4,4'-DDE (p,p') [2C]	0.2968		µg/l	0.2000	0.400		74	50-150	3	20
Endrin	0.3072		µg/l	0.4000	0.400		77	50-120	3	20
Endrin [2C]	0.2671		µg/l	0.4000	0.400		67	50-120	5	20
Endosulfan II	0.3107		µg/l	0.4000	0.400		78	40-140	2	20
Endosulfan II [2C]	0.2646		µg/l	0.4000	0.400		66	40-140	3	20
4,4'-DDD (p,p')	0.3339		µg/l	0.4000	0.400		83	40-140	1	20
4,4'-DDD (p,p') [2C]	0.2830		µg/l	0.4000	0.400		71	40-140	3	20
Endosulfan sulfate	0.2991		µg/l	0.4000	0.400		75	50-120	2	20
Endosulfan sulfate [2C]	0.2740		µg/l	0.4000	0.400		68	50-120	3	20
4,4'-DDT (p,p')	0.2573		µg/l	0.4000	0.400		64	40-140	1	20
4,4'-DDT (p,p') [2C]	0.2448		µg/l	0.4000	0.400		61	40-140	2	20
Methoxychlor	0.2760		µg/l	0.4000	0.400		69	40-140	0.6	20
Methoxychlor [2C]	0.2646		µg/l	0.4000	0.400		66	40-140	1	20
Endrin ketone	0.2976		µg/l	0.4000	0.400		74	40-140	1	20
Endrin ketone [2C]	0.2743		µg/l	0.4000	0.400		69	40-140	3	20
Endrin aldehyde	0.2959		µg/l	0.4000	0.400		74	40-140	3	20
Endrin aldehyde [2C]	0.2715		µg/l	0.4000	0.400		68	40-140	2	20
alpha-Chlordane	0.3122		µg/l	0.2000	0.400		78	40-140	3	20
alpha-Chlordane [2C]	0.3008		µg/l	0.2000	0.400		75	40-140	3	20
gamma-Chlordane	0.3047		µg/l	0.2000	0.400		76	30-130	2	20
gamma-Chlordane [2C]	0.2990		µg/l	0.2000	0.400		75	30-130	4	20
Alachlor	0.3261		µg/l	0.2000	0.400		82	40-140	2	20
Alachlor [2C]	0.3402		µg/l	0.2000	0.400		85	40-140	3	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.145*		µg/l		*0.200*		*72*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.146*		µg/l		*0.200*		*73*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.103*		µg/l		*0.200*		*51*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.0910*		µg/l		*0.200*		*45*	*30-150*		
Batch 9051866 - SW846 3510C										
Blank (9051866-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
2,4,5-T	BRL		µg/l	0.100						
2,4,5-T [2C]	BRL		µg/l	0.100						
2,4,5-TP (Silvex)	BRL		µg/l	0.100						
2,4,5-TP (Silvex) [2C]	BRL		µg/l	0.100						
2,4-D	BRL		µg/l	0.100						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051866 - SW846 3510C										
Blank (9051866-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
2,4-D [2C]	BRL		µg/l	0.100						
2,4-DB	BRL		µg/l	0.100						
2,4-DB [2C]	BRL		µg/l	0.100						
Dalapon	BRL		µg/l	0.100						
Dalapon [2C]	BRL		µg/l	0.100						
Dicamba	BRL		µg/l	0.100						
Dicamba [2C]	BRL		µg/l	0.100						
Dichlorprop	BRL		µg/l	0.100						
Dichlorprop [2C]	BRL		µg/l	0.100						
Dinoseb	BRL		µg/l	0.100						
Dinoseb [2C]	BRL		µg/l	0.100						
MCPA	BRL		µg/l	1.50						
MCPA [2C]	BRL		µg/l	1.50						
MCPB	BRL		µg/l	1.50						
MCPB [2C]	BRL		µg/l	1.50						
MCPP	BRL		µg/l	1.50						
MCPP [2C]	BRL		µg/l	1.50						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.188*		µg/l		*0.200*		*94*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.181*		µg/l		*0.200*		*90*	*30-150*		
LCS (9051866-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
2,4,5-T	0.317		µg/l	0.100	0.500		63	40-140		
2,4,5-T [2C]	0.321		µg/l	0.100	0.500		64	40-140		
2,4,5-TP (Silvex)	0.310		µg/l	0.100	0.500		62	40-140		
2,4,5-TP (Silvex) [2C]	0.311		µg/l	0.100	0.500		62	40-140		
2,4-D	0.295		µg/l	0.100	0.500		59	40-140		
2,4-D [2C]	0.333		µg/l	0.100	0.500		67	40-140		
2,4-DB	0.364		µg/l	0.100	0.500		73	40-140		
2,4-DB [2C]	0.331		µg/l	0.100	0.500		66	40-140		
Dalapon	0.262		µg/l	0.100	0.500		52	40-140		
Dalapon [2C]	0.283		µg/l	0.100	0.500		57	40-140		
Dicamba	0.318		µg/l	0.100	0.500		64	40-140		
Dicamba [2C]	0.335		µg/l	0.100	0.500		67	40-140		
Dichlorprop	0.364		µg/l	0.100	0.500		73	40-140		
Dichlorprop [2C]	0.366		µg/l	0.100	0.500		73	40-140		
Dinoseb	0.341		µg/l	0.100	0.500		68	40-140		
Dinoseb [2C]	0.344		µg/l	0.100	0.500		69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.196*		µg/l		*0.200*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.190*		µg/l		*0.200*		*95*	*30-150*		
LCS (9051866-BS2)										
Prepared: 27-May-09 Analyzed: 28-May-09										
MCPA	92.0		µg/l	1.50	150		61	40-140		
MCPA [2C]	115		µg/l	1.50	150		77	40-140		
MCPB	104		µg/l	1.50	150		69	40-140		
MCPB [2C]	109		µg/l	1.50	150		73	40-140		
MCPP	108		µg/l	1.50	150		72	40-140		
MCPP [2C]	104		µg/l	1.50	150		69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.191*		µg/l		*0.200*		*96*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.183*		µg/l		*0.200*		*92*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051866 - SW846 3510C										
LCS Dup (9051866-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
2,4,5-T	0.332		µg/l	0.100	0.500		66	40-140	5	25
2,4,5-T [2C]	0.296		µg/l	0.100	0.500		59	40-140	8	25
2,4,5-TP (Silvex)	0.338		µg/l	0.100	0.500		68	40-140	9	25
2,4,5-TP (Silvex) [2C]	0.313		µg/l	0.100	0.500		63	40-140	0.6	25
2,4-D	0.342		µg/l	0.100	0.500		68	40-140	15	25
2,4-D [2C]	0.310		µg/l	0.100	0.500		62	40-140	7	25
2,4-DB	0.350		µg/l	0.100	0.500		70	40-140	4	25
2,4-DB [2C]	0.315		µg/l	0.100	0.500		63	40-140	5	25
Dalapon	0.276		µg/l	0.100	0.500		55	40-140	5	25
Dalapon [2C]	0.285		µg/l	0.100	0.500		57	40-140	0.7	25
Dicamba	0.332		µg/l	0.100	0.500		66	40-140	4	25
Dicamba [2C]	0.318		µg/l	0.100	0.500		64	40-140	5	25
Dichlorprop	0.383		µg/l	0.100	0.500		77	40-140	5	25
Dichlorprop [2C]	0.347		µg/l	0.100	0.500		69	40-140	5	25
Dinoseb	0.351		µg/l	0.100	0.500		70	40-140	3	25
Dinoseb [2C]	0.322		µg/l	0.100	0.500		64	40-140	7	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.211*		µg/l		*0.200*		*106*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.184*		µg/l		*0.200*		*92*	*30-150*		
LCS Dup (9051866-BSD2)										
Prepared: 27-May-09 Analyzed: 28-May-09										
MCPA	100		µg/l	1.50	150		67	40-140	8	25
MCPA [2C]	120		µg/l	1.50	150		80	40-140	4	25
MCPB	111		µg/l	1.50	150		74	40-140	7	25
MCPB [2C]	116		µg/l	1.50	150		77	40-140	6	25
MCPP	121		µg/l	1.50	150		81	40-140	11	25
MCPP [2C]	108		µg/l	1.50	150		72	40-140	4	25
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.227*		µg/l		*0.200*		*114*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2	*0.205*		µg/l		*0.200*		*102*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051710 - SW846 3545A										
Blank (9051710-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
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	*3.00*		mg/kg wet		*3.33*		*90*	*50-150*		
LCS (9051710-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
C9-C36 Aliphatic Hydrocarbons	66.9		mg/kg wet	13.3	93.3		72	60-120		
Surrogate: 1-Chlorooctadecane	*2.39*		mg/kg wet		*3.33*		*72*	*50-150*		
Duplicate (9051710-DUP1) **Source: SA95213-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
Gasoline	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.3		BRL				50
Motor Oil	BRL		mg/kg dry	28.3		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.3		BRL				50
Unidentified	BRL		mg/kg dry	28.3		BRL				50
Other Oil	BRL		mg/kg dry	28.3		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.3		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.3		BRL				50
Surrogate: 1-Chlorooctadecane	*3.34*		mg/kg dry		*3.54*		*94*	*50-150*		
Matrix Spike (9051710-MS1) **Source: SA95213-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
C9-C36 Aliphatic Hydrocarbons	97.2		mg/kg dry	14.1	99.0	BRL	98	50-150		
Surrogate: 1-Chlorooctadecane	*3.20*		mg/kg dry		*3.53*		*90*	*50-150*		
Matrix Spike Dup (9051710-MSD1) **Source: SA95213-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										
C9-C36 Aliphatic Hydrocarbons	89.0		mg/kg dry	14.2	99.6	BRL	89	50-150	9	30
Surrogate: 1-Chlorooctadecane	*2.75*		mg/kg dry		*3.56*		*77*	*50-150*		
Batch 9051723 - SW846 3510C										
Blank (9051723-BLK1)										
Prepared & Analyzed: 26-May-09										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051723 - SW846 3510C										
Blank (9051723-BLK1)										
Prepared & Analyzed: 26-May-09										
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0383*		mg/l		*0.0500*		*77*	*50-150*		
LCS (9051723-BS1)										
Prepared & Analyzed: 26-May-09										
C9-C36 Aliphatic Hydrocarbons	1.1		mg/l	0.05	1.40		80	60-120		
Surrogate: 1-Chlorooctadecane	*0.0325*		mg/l		*0.0500*		*65*	*50-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051672 - SW846 3050B										
Blank (9051672-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Vanadium	BRL		mg/kg wet	1.46						
Antimony	BRL		mg/kg wet	4.88						
Zinc	BRL		mg/kg wet	1.22						
Nickel	BRL		mg/kg wet	0.977						
Selenium	BRL		mg/kg wet	1.46						
Lead	BRL		mg/kg wet	1.46						
Thallium	BRL		mg/kg wet	2.93						
Arsenic	BRL		mg/kg wet	1.46						
Chromium	BRL		mg/kg wet	0.977						
Beryllium	BRL		mg/kg wet	0.488						
Silver	BRL		mg/kg wet	1.46						
Copper	BRL		mg/kg wet	0.977						
Cadmium	BRL		mg/kg wet	0.488						
Barium	BRL		mg/kg wet	0.977						
LCS (9051672-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	120		mg/kg wet	1.44	120		100	85-115		
Nickel	122		mg/kg wet	0.960	120		101	85-115		
Antimony	117		mg/kg wet	4.80	120		98	85-115		
Selenium	124		mg/kg wet	1.44	120		103	85-115		
Thallium	119		mg/kg wet	2.88	120		99	85-115		
Vanadium	119		mg/kg wet	1.44	120		99	85-115		
Zinc	124		mg/kg wet	1.20	120		104	85-115		
Chromium	122		mg/kg wet	0.960	120		101	85-115		
Beryllium	119		mg/kg wet	0.480	120		99	85-115		
Silver	85.2	QC2	mg/kg wet	1.44	120		71	85-115		
Copper	122		mg/kg wet	0.960	120		101	85-115		
Cadmium	123		mg/kg wet	0.480	120		102	85-115		
Arsenic	120		mg/kg wet	1.44	120		100	85-115		
Barium	120		mg/kg wet	0.960	120		100	85-115		
LCS Dup (9051672-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	125		mg/kg wet	1.49	124		101	85-115	4	20
Selenium	129		mg/kg wet	1.49	124		104	85-115	4	20
Zinc	130		mg/kg wet	1.24	124		105	85-115	4	20
Nickel	127		mg/kg wet	0.992	124		102	85-115	4	20
Vanadium	124		mg/kg wet	1.49	124		100	85-115	4	30
Antimony	122		mg/kg wet	4.96	124		99	85-115	4	20
Thallium	124		mg/kg wet	2.98	124		100	85-115	4	20
Arsenic	125		mg/kg wet	1.49	124		101	85-115	4	20
Silver	129	QR7	mg/kg wet	1.49	124		104	85-115	41	20
Chromium	126		mg/kg wet	0.992	124		102	85-115	4	20
Copper	127		mg/kg wet	0.992	124		103	85-115	5	20
Cadmium	128		mg/kg wet	0.496	124		103	85-115	4	20
Beryllium	124		mg/kg wet	0.496	124		100	85-115	4	20
Barium	126		mg/kg wet	0.992	124		102	85-115	5	20
Duplicate (9051672-DUP1) **Source: SA95203-09**										
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051672 - SW846 3050B										
Duplicate (9051672-DUP1)	**Source: SA95203-09**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Thallium	BRL		mg/kg dry	3.27		BRL				20
Nickel	79.5	QR6	mg/kg dry	1.09		118			39	20
Zinc	1860		mg/kg dry	1.36		2070			11	20
Selenium	0.922	J	mg/kg dry	1.64		BRL				20
Vanadium	50.1		mg/kg dry	1.64		47.6			5	20
Lead	1730		mg/kg dry	1.64		2070			18	20
Antimony	12.1	QR8	mg/kg dry	5.45		15.1			22	20
Beryllium	0.273	J	mg/kg dry	0.545		0.328			18	20
Copper	496	QR6	mg/kg dry	1.09		849			53	20
Silver	1.23	J	mg/kg dry	1.64		1.05			16	20
Chromium	154	QR6	mg/kg dry	1.09		242			44	20
Arsenic	17.6	QR6	mg/kg dry	1.64		21.8			21	20
Cadmium	17.2	QR6	mg/kg dry	0.545		24.9			36	20
Barium	616	QR6	mg/kg dry	1.09		1020			49	20
Matrix Spike (9051672-MS1)	**Source: SA95205-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Vanadium	122		mg/kg dry	1.36	114	12.9	96	75-125		
Zinc	141		mg/kg dry	1.14	114	34.6	93	75-125		
Lead	116		mg/kg dry	1.36	114	6.50	96	75-125		
Thallium	109		mg/kg dry	2.73	114	BRL	96	75-125		
Antimony	95.3		mg/kg dry	4.55	114	BRL	84	75-125		
Selenium	114		mg/kg dry	1.36	114	0.980	99	75-125		
Nickel	114		mg/kg dry	0.910	114	5.15	96	75-125		
Silver	109		mg/kg dry	1.36	114	BRL	96	75-125		
Chromium	114		mg/kg dry	0.910	114	5.82	95	75-125		
Arsenic	109		mg/kg dry	1.36	114	1.02	95	75-125		
Beryllium	105		mg/kg dry	0.455	114	0.237	92	75-125		
Copper	119		mg/kg dry	0.910	114	7.50	98	75-125		
Cadmium	111		mg/kg dry	0.455	114	0.325	98	75-125		
Barium	128		mg/kg dry	0.910	114	15.4	99	75-125		
Matrix Spike Dup (9051672-MSD1)	**Source: SA95205-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Thallium	110		mg/kg dry	2.73	114	BRL	97	75-125	0.8	20
Lead	114		mg/kg dry	1.36	114	6.50	95	75-125	1	20
Antimony	95.3		mg/kg dry	4.55	114	BRL	84	75-125	0.03	20
Nickel	114		mg/kg dry	0.910	114	5.15	96	75-125	0.5	20
Selenium	114		mg/kg dry	1.36	114	0.980	99	75-125	0.02	20
Vanadium	121		mg/kg dry	1.36	114	12.9	95	75-125	0.6	20
Zinc	139		mg/kg dry	1.14	114	34.6	92	75-125	1	20
Silver	115		mg/kg dry	1.36	114	BRL	101	75-125	5	20
Arsenic	110		mg/kg dry	1.36	114	1.02	95	75-125	0.4	20
Chromium	114		mg/kg dry	0.910	114	5.82	96	75-125	0.2	20
Cadmium	111		mg/kg dry	0.455	114	0.325	97	75-125	0.3	20
Copper	120		mg/kg dry	0.910	114	7.50	99	75-125	0.9	20
Beryllium	105		mg/kg dry	0.455	114	0.237	92	75-125	0.5	20
Barium	127		mg/kg dry	0.910	114	15.4	98	75-125	0.5	20
Post Spike (9051672-PS1)	**Source: SA95205-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051672 - SW846 3050B										
Post Spike (9051672-PS1)	**Source: SA95205-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Thallium	115		mg/kg dry	2.78	116	BRL	99	80-120		
Antimony	106		mg/kg dry	4.64	116	BRL	91	80-120		
Vanadium	126		mg/kg dry	1.39	116	12.9	97	80-120		
Nickel	121		mg/kg dry	0.927	116	5.15	100	80-120		
Zinc	145		mg/kg dry	1.16	116	34.6	95	80-120		
Lead	122		mg/kg dry	1.39	116	6.50	100	80-120		
Selenium	119		mg/kg dry	1.39	116	0.980	102	80-120		
Copper	124		mg/kg dry	0.927	116	7.50	100	80-120		
Chromium	134		mg/kg dry	0.927	116	5.82	111	80-120		
Silver	116		mg/kg dry	1.39	116	BRL	100	80-120		
Beryllium	110		mg/kg dry	0.464	116	0.237	95	80-120		
Cadmium	116		mg/kg dry	0.464	116	0.325	100	80-120		
Arsenic	115		mg/kg dry	1.39	116	1.02	98	80-120		
Barium	125		mg/kg dry	0.927	116	15.4	95	80-120		
Reference (9051672-SRM1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Zinc	179		mg/kg wet	1.25	175		102	30.22-119.8		
Antimony	35.3		mg/kg wet	5.00	63.1		56	50.2-150		
Nickel	85.2		mg/kg wet	1.00	86.1		99	81.4-118.6		
Vanadium	45.2		mg/kg wet	1.50	47.0		96	76.8-123.5		
Lead	110		mg/kg wet	1.50	112		99	82.1-118.4		
Selenium	78.0		mg/kg wet	1.50	73.6		106	77.6-122.4		
Thallium	87.8		mg/kg wet	3.00	86.6		101	80.9-118.5		
Copper	34.8		mg/kg wet	1.00	33.4		104	80.8-119.2		
Cadmium	32.6		mg/kg wet	0.500	34.6		94	84.1-115.9		
Silver	18.2		mg/kg wet	1.50	17.6		103	66.2-133.8		
Beryllium	79.2		mg/kg wet	0.500	81.1		98	82.7-117.3		
Arsenic	114		mg/kg wet	1.50	113		101	80.4-120		
Chromium	61.1		mg/kg wet	1.00	62.1		98	81.5-118.5		
Barium	278		mg/kg wet	1.00	283		98	81.6-118.4		
Reference (9051672-SRM2)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Zinc	178		mg/kg wet	1.25	175		102	30.22-119.8		
Nickel	82.2		mg/kg wet	1.00	86.1		95	81.4-118.6		
Antimony	33.6		mg/kg wet	5.00	63.1		53	50.2-150		
Thallium	85.6		mg/kg wet	3.00	86.6		99	80.9-118.5		
Lead	108		mg/kg wet	1.50	112		97	82.1-118.4		
Selenium	77.1		mg/kg wet	1.50	73.6		105	77.6-122.4		
Vanadium	44.5		mg/kg wet	1.50	47.0		95	76.8-123.5		
Cadmium	32.4		mg/kg wet	0.500	34.6		94	84.1-115.9		
Silver	17.7		mg/kg wet	1.50	17.6		100	66.2-133.8		
Chromium	59.4		mg/kg wet	1.00	62.1		96	81.5-118.5		
Arsenic	112		mg/kg wet	1.50	113		99	80.4-120		
Beryllium	78.0		mg/kg wet	0.500	81.1		96	82.7-117.3		
Copper	33.9		mg/kg wet	1.00	33.4		102	80.8-119.2		
Barium	272		mg/kg wet	1.00	283		96	81.6-118.4		
Batch 9051674 - EPA200/SW7000 Series										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051674 - EPA200/SW7000 Series										
Blank (9051674-BLK1)										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/kg wet	0.0289						
Duplicate (9051674-DUP1) **Source: SA95203-09**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	0.282		mg/kg dry	0.0325		0.286			1	20
Matrix Spike (9051674-MS1) **Source: SA95205-01**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	0.486		mg/kg dry	0.0311	0.432	0.0104	110	75-125		
Matrix Spike Dup (9051674-MSD1) **Source: SA95205-01**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	0.426		mg/kg dry	0.0271	0.376	0.0104	110	75-125	13	20
Post Spike (9051674-PS1) **Source: SA95205-01**										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	0.467		mg/kg dry	0.0301	0.418	0.0104	109	80-120		
Reference (9051674-SRM1)										
Prepared: 27-May-09 Analyzed: 29-May-09										
Mercury	1.38		mg/kg wet	0.0300	1.36		101	71.7-128.3		
Batch 9051867 - SW846 3005A										
Blank (9051867-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Nickel	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Beryllium	BRL		mg/l	0.0020						
Vanadium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
LCS (9051867-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Selenium	1.32		mg/l	0.0150	1.25		105	85-115		
Lead	1.31		mg/l	0.0075	1.25		105	85-115		
Thallium	1.23		mg/l	0.0050	1.25		99	85-115		
Zinc	1.27		mg/l	0.0050	1.25		101	85-115		
Nickel	1.27		mg/l	0.0050	1.25		102	85-115		
Arsenic	1.23		mg/l	0.0040	1.25		98	85-115		
Copper	1.23		mg/l	0.0050	1.25		98	85-115		
Barium	1.26		mg/l	0.0050	1.25		101	85-115		
Vanadium	1.23		mg/l	0.0050	1.25		99	85-115		
Chromium	1.28		mg/l	0.0050	1.25		102	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051867 - SW846 3005A										
LCS (9051867-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Cadmium	1.31		mg/l	0.0025	1.25		105	85-115		
Silver	1.25		mg/l	0.0050	1.25		100	85-115		
Beryllium	1.25		mg/l	0.0020	1.25		100	85-115		
LCS Dup (9051867-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Nickel	1.26		mg/l	0.0050	1.25		101	85-115	0.6	20
Zinc	1.26		mg/l	0.0050	1.25		101	85-115	0.8	20
Antimony	1.19		mg/l	0.0060	1.25		95	85-115	1	20
Thallium	1.23		mg/l	0.0050	1.25		98	85-115	0.5	20
Selenium	1.30		mg/l	0.0150	1.25		104	85-115	1	20
Lead	1.30		mg/l	0.0075	1.25		104	85-115	0.8	20
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115	0.5	20
Arsenic	1.21		mg/l	0.0040	1.25		97	85-115	0.9	20
Copper	1.22		mg/l	0.0050	1.25		97	85-115	0.7	20
Vanadium	1.23		mg/l	0.0050	1.25		98	85-115	0.6	20
Barium	1.26		mg/l	0.0050	1.25		101	85-115	0.4	20
Silver	1.24		mg/l	0.0050	1.25		99	85-115	0.9	20
Chromium	1.27		mg/l	0.0050	1.25		102	85-115	0.5	20
Beryllium	1.24		mg/l	0.0020	1.25		99	85-115	0.8	20
Duplicate (9051867-DUP1) **Source: SA95203-10**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	0.316		mg/l	0.0050		0.320			1	20
Selenium	0.0050	J	mg/l	0.0150		0.0043			16	20
Antimony	BRL		mg/l	0.0060		BRL				20
Thallium	0.0192		mg/l	0.0050		0.0182			5	20
Lead	0.0116		mg/l	0.0075		0.0130			11	20
Nickel	0.0994		mg/l	0.0050		0.101			1	20
Copper	0.0672		mg/l	0.0050		0.0673			0.2	20
Beryllium	0.0017	J	mg/l	0.0020		0.0018			3	20
Barium	0.161		mg/l	0.0050		0.160			1	20
Vanadium	0.0382		mg/l	0.0050		0.0375			2	20
Arsenic	0.0146		mg/l	0.0040		0.0144			0.7	20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	0.0134		mg/l	0.0050		0.0136			2	20
Cadmium	0.0028		mg/l	0.0025		0.0028			0	20
Matrix Spike (9051867-MS1) **Source: SA95332-01**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	1.29		mg/l	0.0050	1.25	0.0117	102	75-125		
Nickel	1.25		mg/l	0.0050	1.25	0.0014	100	75-125		
Selenium	1.31		mg/l	0.0150	1.25	BRL	105	75-125		
Lead	1.28		mg/l	0.0075	1.25	0.0034	102	75-125		
Antimony	1.23		mg/l	0.0060	1.25	BRL	98	75-125		
Thallium	1.26		mg/l	0.0050	1.25	0.0100	100	75-125		
Arsenic	1.25		mg/l	0.0040	1.25	0.0054	100	75-125		
Beryllium	1.23		mg/l	0.0020	1.25	BRL	99	75-125		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	75-125		
Cadmium	1.28		mg/l	0.0025	1.25	0.0005	102	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051867 - SW846 3005A										
Matrix Spike (9051867-MS1)	**Source: SA95332-01**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Copper	1.28		mg/l	0.0050	1.25	BRL	102	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0575	100	75-125		
Vanadium	1.24		mg/l	0.0050	1.25	0.0018	99	70-130		
Matrix Spike Dup (9051867-MSD1)	**Source: SA95332-01**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Nickel	1.25		mg/l	0.0050	1.25	0.0014	100	75-125	0.2	20
Lead	1.29		mg/l	0.0075	1.25	0.0034	103	75-125	1	20
Selenium	1.33		mg/l	0.0150	1.25	BRL	106	75-125	1	20
Thallium	1.26		mg/l	0.0050	1.25	0.0100	100	75-125	0.4	20
Zinc	1.29		mg/l	0.0050	1.25	0.0117	102	75-125	0.08	20
Antimony	1.23		mg/l	0.0060	1.25	BRL	99	75-125	0.4	20
Copper	1.26		mg/l	0.0050	1.25	BRL	101	75-125	1	20
Cadmium	1.28		mg/l	0.0025	1.25	0.0005	103	75-125	0.4	20
Arsenic	1.24		mg/l	0.0040	1.25	0.0054	99	75-125	0.4	20
Silver	1.28		mg/l	0.0050	1.25	BRL	102	75-125	0.8	20
Chromium	1.27		mg/l	0.0050	1.25	BRL	101	75-125	0.5	20
Beryllium	1.24		mg/l	0.0020	1.25	BRL	99	75-125	0.7	20
Vanadium	1.24		mg/l	0.0050	1.25	0.0018	99	70-130	0.6	20
Barium	1.32		mg/l	0.0050	1.25	0.0575	101	75-125	0.9	20
Post Spike (9051867-PS1)	**Source: SA95332-01**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	1.30		mg/l	0.0050	1.25	0.0117	103	80-120		
Thallium	1.27		mg/l	0.0050	1.25	0.0100	101	80-120		
Lead	1.30		mg/l	0.0075	1.25	0.0034	103	80-120		
Nickel	1.26		mg/l	0.0050	1.25	0.0014	101	80-120		
Selenium	1.33		mg/l	0.0150	1.25	BRL	106	80-120		
Antimony	1.23		mg/l	0.0060	1.25	BRL	99	80-120		
Chromium	1.27		mg/l	0.0050	1.25	BRL	102	80-120		
Cadmium	1.29		mg/l	0.0025	1.25	0.0005	103	80-120		
Barium	1.31		mg/l	0.0050	1.25	0.0575	100	80-120		
Copper	1.27		mg/l	0.0050	1.25	BRL	102	80-120		
Vanadium	1.25		mg/l	0.0050	1.25	0.0018	100	80-120		
Beryllium	1.25		mg/l	0.0020	1.25	BRL	100	80-120		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	80-120		
Arsenic	1.26		mg/l	0.0040	1.25	0.0054	100	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051868 - EPA200/SW7000 Series										
Blank (9051868-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051868-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00523		mg/l	0.00020	0.00500		105	85-115		
Duplicate (9051868-DUP1) **Source: SA95203-10**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051868-MS1) **Source: SA95203-10**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00358	QM7	mg/l	0.00020	0.00500	BRL	72	75-125		
Matrix Spike Dup (9051868-MSD1) **Source: SA95203-10**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00370	QM7	mg/l	0.00020	0.00500	BRL	74	75-125	3	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051782 - SW846 3005A										
Blank (9051782-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	BRL		mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Nickel	BRL		mg/l	0.0050						
Beryllium	BRL		mg/l	0.0020						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
LCS (9051782-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.31		mg/l	0.0150	1.25		105	85-115		
Nickel	1.27		mg/l	0.0050	1.25		101	85-115		
Zinc	1.28		mg/l	0.0050	1.25		103	85-115		
Antimony	1.20		mg/l	0.0060	1.25		96	85-115		
Lead	1.26		mg/l	0.0075	1.25		101	85-115		
Thallium	1.24		mg/l	0.0050	1.25		99	85-115		
Barium	1.24		mg/l	0.0050	1.25		99	85-115		
Chromium	1.27		mg/l	0.0050	1.25		101	85-115		
Silver	1.25		mg/l	0.0050	1.25		100	85-115		
Cadmium	1.28		mg/l	0.0025	1.25		103	85-115		
Vanadium	1.22		mg/l	0.0050	1.25		98	85-115		
Copper	1.24		mg/l	0.0050	1.25		99	85-115		
Arsenic	1.23		mg/l	0.0040	1.25		99	85-115		
Beryllium	1.25		mg/l	0.0020	1.25		100	85-115		
LCS Dup (9051782-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	1.31		mg/l	0.0150	1.25		105	85-115	0.5	20
Thallium	1.23		mg/l	0.0050	1.25		98	85-115	1	20
Antimony	1.19		mg/l	0.0060	1.25		96	85-115	0.8	20
Zinc	1.26		mg/l	0.0050	1.25		101	85-115	2	20
Nickel	1.25		mg/l	0.0050	1.25		100	85-115	1	20
Lead	1.26		mg/l	0.0075	1.25		100	85-115	0.3	20
Beryllium	1.23		mg/l	0.0020	1.25		98	85-115	1	20
Vanadium	1.21		mg/l	0.0050	1.25		97	85-115	1	20
Silver	1.24		mg/l	0.0050	1.25		99	85-115	1	20
Arsenic	1.22		mg/l	0.0040	1.25		98	85-115	1	20
Cadmium	1.27		mg/l	0.0025	1.25		102	85-115	0.6	20
Barium	1.24		mg/l	0.0050	1.25		99	85-115	0.5	20
Chromium	1.25		mg/l	0.0050	1.25		100	85-115	1	20
Copper	1.22		mg/l	0.0050	1.25		98	85-115	2	20
Duplicate (9051782-DUP1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051782 - SW846 3005A										
Duplicate (9051782-DUP1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Antimony	BRL		mg/l	0.0060		BRL				20
Nickel	0.0795		mg/l	0.0050		0.0850			7	20
Selenium	0.0040	J	mg/l	0.0150		0.0036			11	20
Thallium	0.0152		mg/l	0.0050		0.0146			4	20
Lead	BRL		mg/l	0.0075		BRL				20
Zinc	0.280		mg/l	0.0050		0.291			4	20
Arsenic	0.0028	J	mg/l	0.0040		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Copper	0.0112		mg/l	0.0050		0.0134			18	20
Vanadium	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	0.0012	J,QR8	mg/l	0.0050		0.0016			21	20
Barium	0.111		mg/l	0.0050		0.112			0.5	20
Cadmium	0.0022	J	mg/l	0.0025		0.0022			0	20
Matrix Spike (9051782-MS1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Zinc	1.51		mg/l	0.0050	1.25	0.291	98	75-125		
Nickel	1.28		mg/l	0.0050	1.25	0.0850	96	75-125		
Selenium	1.29		mg/l	0.0150	1.25	0.0036	103	75-125		
Lead	1.17		mg/l	0.0075	1.25	BRL	94	75-125		
Antimony	1.22		mg/l	0.0060	1.25	BRL	97	75-125		
Thallium	1.24		mg/l	0.0050	1.25	0.0146	98	75-125		
Cadmium	1.19		mg/l	0.0025	1.25	0.0022	95	75-125		
Chromium	1.19		mg/l	0.0050	1.25	BRL	96	75-125		
Vanadium	1.18		mg/l	0.0050	1.25	BRL	94	70-130		
Barium	1.30		mg/l	0.0050	1.25	0.112	95	75-125		
Copper	1.27		mg/l	0.0050	1.25	0.0134	101	75-125		
Silver	1.25		mg/l	0.0050	1.25	0.0016	100	75-125		
Beryllium	1.19		mg/l	0.0020	1.25	BRL	95	75-125		
Arsenic	1.22		mg/l	0.0040	1.25	BRL	98	75-125		
Matrix Spike Dup (9051782-MSD1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Antimony	1.22		mg/l	0.0060	1.25	BRL	98	75-125	0.7	20
Thallium	1.25		mg/l	0.0050	1.25	0.0146	99	75-125	0.8	20
Lead	1.20		mg/l	0.0075	1.25	BRL	96	75-125	2	20
Selenium	1.31		mg/l	0.0150	1.25	0.0036	104	75-125	1	20
Nickel	1.30		mg/l	0.0050	1.25	0.0850	97	75-125	1	20
Zinc	1.52		mg/l	0.0050	1.25	0.291	99	75-125	0.7	20
Copper	1.28		mg/l	0.0050	1.25	0.0134	101	75-125	0.2	20
Arsenic	1.23		mg/l	0.0040	1.25	BRL	99	75-125	0.8	20
Beryllium	1.20		mg/l	0.0020	1.25	BRL	96	75-125	0.8	20
Vanadium	1.19		mg/l	0.0050	1.25	BRL	95	70-130	0.9	20
Chromium	1.21		mg/l	0.0050	1.25	BRL	97	75-125	1	20
Barium	1.31		mg/l	0.0050	1.25	0.112	96	75-125	1	20
Silver	1.26		mg/l	0.0050	1.25	0.0016	100	75-125	0.5	20
Cadmium	1.21		mg/l	0.0025	1.25	0.0022	97	75-125	2	20
Post Spike (9051782-PS1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051782 - SW846 3005A										
Post Spike (9051782-PS1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Nickel	1.34		mg/l	0.0050	1.25	0.0850	100	80-120		
Zinc	1.55		mg/l	0.0050	1.25	0.291	101	80-120		
Selenium	1.35		mg/l	0.0150	1.25	0.0036	107	80-120		
Antimony	1.26		mg/l	0.0060	1.25	BRL	100	80-120		
Lead	1.25		mg/l	0.0075	1.25	BRL	100	80-120		
Thallium	1.29		mg/l	0.0050	1.25	0.0146	102	80-120		
Beryllium	1.25		mg/l	0.0020	1.25	BRL	100	80-120		
Chromium	1.26		mg/l	0.0050	1.25	BRL	100	80-120		
Barium	1.34		mg/l	0.0050	1.25	0.112	98	80-120		
Vanadium	1.24		mg/l	0.0050	1.25	BRL	99	80-120		
Cadmium	1.26		mg/l	0.0025	1.25	0.0022	101	80-120		
Silver	1.28		mg/l	0.0050	1.25	0.0016	103	80-120		
Arsenic	1.27		mg/l	0.0040	1.25	BRL	101	80-120		
Copper	1.31		mg/l	0.0050	1.25	0.0134	103	80-120		

Soluble Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051783 - EPA200/SW7000 Series										
Blank (9051783-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051783-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00540		mg/l	0.00020	0.00500		108	85-115		
Duplicate (9051783-DUP1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051783-MS1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00394		mg/l	0.00020	0.00500	BRL	79	75-125		
Matrix Spike Dup (9051783-MSD1)	**Source: SA95203-10**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Mercury	0.00370	QM7	mg/l	0.00020	0.00500	BRL	74	75-125	6	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051748 - SW846 3010A										
Blank (9051748-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Thallium	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Vanadium	BRL		mg/l	0.0050						
Zinc	0.0174	QB1	mg/l	0.0050						
Antimony	BRL		mg/l	0.0060						
Copper	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0125						
Beryllium	BRL		mg/l	0.0020						
Arsenic	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (9051748-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Thallium	1.11		mg/l	0.0050	1.25		89	85-115		
Antimony	1.24		mg/l	0.0060	1.25		99	85-115		
Vanadium	1.23		mg/l	0.0050	1.25		98	85-115		
Selenium	1.49	QC2	mg/l	0.0150	1.25		120	85-115		
Lead	1.06		mg/l	0.0075	1.25		85	85-115		
Nickel	1.12		mg/l	0.0050	1.25		90	85-115		
Zinc	1.23		mg/l	0.0050	1.25		98	85-115		
Arsenic	1.37		mg/l	0.0050	1.25		110	85-115		
Silver	1.28		mg/l	0.0050	1.25		102	85-115		
Chromium	1.20		mg/l	0.0125	1.25		96	85-115		
Copper	1.32		mg/l	0.0050	1.25		106	85-115		
Beryllium	1.30		mg/l	0.0020	1.25		104	85-115		
Cadmium	1.20		mg/l	0.0025	1.25		96	85-115		
Barium	1.25		mg/l	0.0050	1.25		100	85-115		
LCS Dup (9051748-BSD1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Zinc	1.34		mg/l	0.0050	1.25		107	85-115	9	20
Lead	1.16		mg/l	0.0075	1.25		93	85-115	9	20
Selenium	1.63	QC2	mg/l	0.0150	1.25		130	85-115	9	20
Thallium	1.21		mg/l	0.0050	1.25		97	85-115	9	20
Vanadium	1.34		mg/l	0.0050	1.25		107	85-115	8	20
Nickel	1.22		mg/l	0.0050	1.25		98	85-115	9	20
Antimony	1.35		mg/l	0.0060	1.25		108	85-115	8	20
Chromium	1.29		mg/l	0.0125	1.25		104	85-115	8	20
Arsenic	1.49	QC1	mg/l	0.0050	1.25		120	85-115	8	20
Cadmium	1.31		mg/l	0.0025	1.25		105	85-115	8	20
Beryllium	1.40		mg/l	0.0020	1.25		112	85-115	8	20
Copper	1.44	QC1	mg/l	0.0050	1.25		116	85-115	9	20
Silver	1.36		mg/l	0.0050	1.25		108	85-115	6	104
Barium	1.34		mg/l	0.0050	1.25		108	85-115	7	20
Duplicate (9051748-DUP1) **Source: SA95210-01**										
Prepared: 26-May-09 Analyzed: 27-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051748 - SW846 3010A										
Duplicate (9051748-DUP1)	**Source: SA95210-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Zinc	4.84	QR6	mg/l	0.0050		6.72			32	20
Selenium	0.0036	J,QR8	mg/l	0.0150		0.0050			32	20
Vanadium	BRL		mg/l	0.0050		BRL				20
Antimony	0.0030	J,QR8	mg/l	0.0060		0.0038			25	20
Lead	0.570	QR6	mg/l	0.0075		0.772			30	20
Nickel	0.0522	QR6	mg/l	0.0050		0.0912			55	20
Thallium	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0074		mg/l	0.0025		0.0088			17	20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0050		0.0032				20
Beryllium	0.0005	J	mg/l	0.0020		0.0006			16	20
Chromium	0.0042	J,QR8	mg/l	0.0125		0.0054			26	20
Copper	8.24	QR6	mg/l	0.0050		18.2			75	20
Barium	0.890	QR6	mg/l	0.0050		0.607			38	20
Matrix Spike (9051748-MS1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Zinc	2.95		mg/l	0.0050	1.25	1.58	109	75-125		
Nickel	1.23		mg/l	0.0050	1.25	0.0178	97	75-125		
Thallium	1.25		mg/l	0.0050	1.25	BRL	100	75-125		
Vanadium	1.34		mg/l	0.0050	1.25	BRL	107	75-125		
Lead	1.20		mg/l	0.0075	1.25	0.0363	93	75-125		
Antimony	1.36		mg/l	0.0060	1.25	BRL	109	75-125		
Selenium	1.58	QC2	mg/l	0.0150	1.25	0.0073	126	75-125		
Copper	2.66		mg/l	0.0050	1.25	1.17	119	75-125		
Cadmium	1.35		mg/l	0.0025	1.25	0.0349	105	75-125		
Beryllium	1.41		mg/l	0.0020	1.25	BRL	113	75-125		
Arsenic	1.49		mg/l	0.0050	1.25	0.0029	119	75-125		
Chromium	1.29		mg/l	0.0125	1.25	0.0027	103	75-125		
Silver	1.49		mg/l	0.0050	1.25	BRL	119	75-125		
Barium	2.27		mg/l	0.0050	1.25	0.857	113	75-125		
Matrix Spike Dup (9051748-MSD1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Antimony	1.36		mg/l	0.0060	1.25	BRL	108	75-125	0.3	20
Lead	1.19		mg/l	0.0075	1.25	0.0363	93	75-125	0.5	20
Vanadium	1.35		mg/l	0.0050	1.25	BRL	108	75-125	0.5	20
Thallium	1.24		mg/l	0.0050	1.25	BRL	99	75-125	0.8	20
Zinc	2.94		mg/l	0.0050	1.25	1.58	109	75-125	0.2	20
Selenium	1.61	QC2	mg/l	0.0150	1.25	0.0073	128	75-125	2	20
Nickel	1.22		mg/l	0.0050	1.25	0.0178	97	75-125	0.08	20
Copper	2.65		mg/l	0.0050	1.25	1.17	119	75-125	0.06	20
Silver	1.47		mg/l	0.0050	1.25	BRL	118	75-125	0.8	20
Chromium	1.30		mg/l	0.0125	1.25	0.0027	104	75-125	0.2	20
Beryllium	1.42		mg/l	0.0020	1.25	BRL	113	75-125	0.4	20
Cadmium	1.35		mg/l	0.0025	1.25	0.0349	105	75-125	0.4	20
Arsenic	1.50		mg/l	0.0050	1.25	0.0029	120	75-125	0.7	20
Barium	2.27		mg/l	0.0050	1.25	0.857	113	75-125	0.3	20
Post Spike (9051748-PS1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051748 - SW846 3010A										
Post Spike (9051748-PS1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Zinc	2.99		mg/l	0.0050	1.25	1.58	113	75-125		
Antimony	1.36		mg/l	0.0060	1.25	BRL	108	75-125		
Nickel	1.23		mg/l	0.0050	1.25	0.0178	97	75-125		
Lead	1.20		mg/l	0.0075	1.25	0.0363	93	75-125		
Thallium	1.24		mg/l	0.0050	1.25	BRL	99	75-125		
Vanadium	1.35		mg/l	0.0050	1.25	BRL	108	75-125		
Selenium	1.62	QC2	mg/l	0.0150	1.25	0.0073	129	75-125		
Chromium	1.31		mg/l	0.0125	1.25	0.0027	104	75-125		
Copper	2.66		mg/l	0.0050	1.25	1.17	119	75-125		
Cadmium	1.35		mg/l	0.0025	1.25	0.0349	105	75-125		
Silver	1.53		mg/l	0.0050	1.25	BRL	123	75-125		
Arsenic	1.50		mg/l	0.0050	1.25	0.0029	120	75-125		
Beryllium	1.44		mg/l	0.0020	1.25	BRL	115	75-125		
Barium	2.27		mg/l	0.0050	1.25	0.857	113	75-125		
Batch 9051750 - EPA200/SW7000 Series										
Blank (9051750-BLK1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051750-BS1)										
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	0.00451		mg/l	0.00020	0.00500		90	69.2-107		
Duplicate (9051750-DUP1)	**Source: SA95210-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051750-MS1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	0.00471		mg/l	0.00020	0.00500	BRL	94	57.8-123		
Matrix Spike Dup (9051750-MSD1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	0.00469		mg/l	0.00020	0.00500	BRL	94	57.8-123	0.4	20
Post Spike (9051750-PS1)	**Source: SA95215-01**									
Prepared: 26-May-09 Analyzed: 27-May-09										
Mercury	0.00466		mg/l	0.00020	0.00500	BRL	93	70-112		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051744 - SW846 3010A										
Blank (9051744-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Lead	BRL		mg/l	0.0075						
Vanadium	BRL		mg/l	0.0050						
Selenium	BRL		mg/l	0.0150						
Antimony	BRL		mg/l	0.0060						
Nickel	BRL		mg/l	0.0050						
Thallium	BRL		mg/l	0.0050						
Zinc	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Beryllium	BRL		mg/l	0.0020						
Chromium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Barium	BRL		mg/l	0.0050						
LCS (9051744-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Nickel	1.26		mg/l	0.0050	1.25		101	85-115		
Thallium	1.29		mg/l	0.0050	1.25		103	85-115		
Lead	1.23		mg/l	0.0075	1.25		99	85-115		
Zinc	1.29		mg/l	0.0050	1.25		103	85-115		
Selenium	1.23		mg/l	0.0150	1.25		98	85-115		
Antimony	1.21		mg/l	0.0060	1.25		97	85-115		
Vanadium	1.30		mg/l	0.0050	1.25		104	85-115		
Silver	1.24		mg/l	0.0050	1.25		100	85-115		
Arsenic	1.23		mg/l	0.0040	1.25		98	85-115		
Chromium	1.28		mg/l	0.0050	1.25		103	85-115		
Copper	1.31		mg/l	0.0050	1.25		104	85-115		
Beryllium	1.23		mg/l	0.0020	1.25		99	85-115		
Cadmium	1.30		mg/l	0.0025	1.25		104	85-115		
Barium	1.23		mg/l	0.0050	1.25		99	85-115		
LCS Dup (9051744-BSD1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Nickel	1.23		mg/l	0.0050	1.25		98	85-115	3	20
Selenium	1.20		mg/l	0.0150	1.25		96	85-115	2	20
Thallium	1.26		mg/l	0.0050	1.25		101	85-115	2	20
Lead	1.20		mg/l	0.0075	1.25		96	85-115	2	20
Antimony	1.18		mg/l	0.0060	1.25		95	85-115	2	20
Zinc	1.27		mg/l	0.0050	1.25		102	85-115	2	20
Vanadium	1.25		mg/l	0.0050	1.25		100	85-115	4	20
Copper	1.26		mg/l	0.0050	1.25		101	85-115	4	20
Silver	1.24		mg/l	0.0050	1.25		100	85-115	0.04	20
Arsenic	1.20		mg/l	0.0040	1.25		96	85-115	2	20
Beryllium	1.18		mg/l	0.0020	1.25		94	85-115	4	20
Chromium	1.24		mg/l	0.0050	1.25		99	85-115	4	20
Cadmium	1.27		mg/l	0.0025	1.25		101	85-115	2	20
Barium	1.19		mg/l	0.0050	1.25		95	85-115	4	20
Duplicate (9051744-DUP1)	**Source: SA95070-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051744 - SW846 3010A										
Duplicate (9051744-DUP1)	**Source: SA95070-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0225		mg/l	0.0075		0.0198			13	20
Thallium	BRL		mg/l	0.0050		BRL				20
Nickel	0.0015	J	mg/l	0.0050		0.0015			0	20
Vanadium	0.0050	QR6	mg/l	0.0050		0.0026			62	20
Antimony	0.0047	J,QR8	mg/l	0.0060		0.0070			39	20
Zinc	0.0236		mg/l	0.0050		0.0218			8	20
Chromium	BRL		mg/l	0.0050		0.0027				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Beryllium	BRL		mg/l	0.0020		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Cadmium	0.0002	J	mg/l	0.0025		0.0002				20
Copper	0.0211		mg/l	0.0050		0.0184			14	20
Barium	0.120	QR6	mg/l	0.0050		0.0500			82	20
Matrix Spike (9051744-MS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Thallium	1.30		mg/l	0.0050	1.25	BRL	104	75-125		
Selenium	1.22		mg/l	0.0150	1.25	BRL	98	75-125		
Zinc	1.32		mg/l	0.0050	1.25	0.0196	104	75-125		
Lead	1.26		mg/l	0.0075	1.25	0.0195	100	75-125		
Nickel	1.27		mg/l	0.0050	1.25	0.0024	101	75-125		
Vanadium	1.31		mg/l	0.0050	1.25	0.0024	105	75-125		
Antimony	1.22		mg/l	0.0060	1.25	0.0112	97	75-125		
Arsenic	1.24		mg/l	0.0040	1.25	0.0133	98	75-125		
Cadmium	1.31		mg/l	0.0025	1.25	BRL	105	75-125		
Silver	1.29		mg/l	0.0050	1.25	BRL	103	75-125		
Beryllium	1.22		mg/l	0.0020	1.25	BRL	98	75-125		
Chromium	1.30		mg/l	0.0050	1.25	0.0018	104	75-125		
Copper	1.32		mg/l	0.0050	1.25	0.0088	105	75-125		
Barium	1.30		mg/l	0.0050	1.25	0.0923	97	75-125		
Matrix Spike Dup (9051744-MSD1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.23		mg/l	0.0150	1.25	BRL	99	75-125	1	20
Antimony	1.24		mg/l	0.0060	1.25	0.0112	98	75-125	1	20
Nickel	1.29		mg/l	0.0050	1.25	0.0024	103	75-125	1	20
Vanadium	1.34		mg/l	0.0050	1.25	0.0024	107	75-125	2	20
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125	1	20
Thallium	1.31		mg/l	0.0050	1.25	BRL	105	75-125	0.9	20
Zinc	1.33		mg/l	0.0050	1.25	0.0196	105	75-125	1	20
Silver	1.30		mg/l	0.0050	1.25	BRL	104	75-125	1	20
Chromium	1.33		mg/l	0.0050	1.25	0.0018	106	75-125	2	20
Cadmium	1.33		mg/l	0.0025	1.25	BRL	106	75-125	1	20
Copper	1.35		mg/l	0.0050	1.25	0.0088	107	75-125	2	20
Beryllium	1.26		mg/l	0.0020	1.25	BRL	101	75-125	3	20
Arsenic	1.25		mg/l	0.0040	1.25	0.0133	99	75-125	1	20
Barium	1.35		mg/l	0.0050	1.25	0.0923	101	75-125	4	20
Post Spike (9051744-PS1)	**Source: SA95203-01**									
Prepared: 27-May-09 Analyzed: 28-May-09										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051744 - SW846 3010A										
Post Spike (9051744-PS1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Selenium	1.24		mg/l	0.0150	1.25	BRL	99	75-125		
Vanadium	1.33		mg/l	0.0050	1.25	0.0024	106	75-125		
Nickel	1.28		mg/l	0.0050	1.25	0.0024	102	75-125		
Zinc	1.34		mg/l	0.0050	1.25	0.0196	105	75-125		
Lead	1.28		mg/l	0.0075	1.25	0.0195	101	75-125		
Thallium	1.31		mg/l	0.0050	1.25	BRL	105	75-125		
Antimony	1.23		mg/l	0.0060	1.25	0.0112	97	75-125		
Cadmium	1.32		mg/l	0.0025	1.25	BRL	105	75-125		
Copper	1.34		mg/l	0.0050	1.25	0.0088	106	75-125		
Arsenic	1.26		mg/l	0.0040	1.25	0.0133	99	75-125		
Beryllium	1.25		mg/l	0.0020	1.25	BRL	100	75-125		
Chromium	1.32		mg/l	0.0050	1.25	0.0018	105	75-125		
Barium	1.34		mg/l	0.0050	1.25	0.0923	100	75-125		
Batch 9051746 - EPA200/SW7000 Series										
Blank (9051746-BLK1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9051746-BS1)										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00456		mg/l	0.00020	0.00500		91	56.1-122		
Duplicate (9051746-DUP1) **Source: SA95070-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9051746-MS1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00460		mg/l	0.00020	0.00500	BRL	92	59.8-119		
Matrix Spike Dup (9051746-MSD1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00426		mg/l	0.00020	0.00500	BRL	85	59.8-119	8	20
Post Spike (9051746-PS1) **Source: SA95203-01**										
Prepared: 27-May-09 Analyzed: 28-May-09										
Mercury	0.00445		mg/l	0.00020	0.00500	BRL	89	72.4-113		
Batch 9051855 - SW846 3010A										
Blank (9051855-BLK1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0080						
Chromium	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0100						
LCS (9051855-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	2.61		mg/l	0.0150	2.50		104	85-115		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051855 - SW846 3010A										
LCS (9051855-BS1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	2.59		mg/l	0.0300	2.50		104	85-115		
Cadmium	2.65		mg/l	0.0050	2.50		106	85-115		
Arsenic	2.50		mg/l	0.0080	2.50		100	85-115		
Chromium	2.54		mg/l	0.0100	2.50		101	85-115		
Silver	2.51		mg/l	0.0100	2.50		101	85-115		
Barium	2.68		mg/l	0.0100	2.50		107	85-115		
LCS Dup (9051855-BSD1)										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	2.63		mg/l	0.0150	2.50		105	85-115	0.8	20
Selenium	2.62		mg/l	0.0300	2.50		105	85-115	1	20
Cadmium	2.67		mg/l	0.0050	2.50		107	85-115	0.9	20
Arsenic	2.53		mg/l	0.0080	2.50		101	85-115	1	20
Chromium	2.56		mg/l	0.0100	2.50		103	85-115	1	20
Silver	2.54		mg/l	0.0100	2.50		102	85-115	1	20
Barium	2.69		mg/l	0.0100	2.50		108	85-115	0.4	20
Duplicate (9051855-DUP1) **Source: SA93524-16**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	0.0569	QR6	mg/l	0.0150		0.0985			54	20
Selenium	0.0043	J,QR8	mg/l	0.0300		0.0069			46	20
Cadmium	0.0006	J,QR8	mg/l	0.0050		0.0011			59	20
Arsenic	BRL		mg/l	0.0080		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Barium	0.0614		mg/l	0.0100		0.0750			20	20
Matrix Spike (9051855-MS1) **Source: SA95203-09**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	2.68		mg/l	0.0150	2.50	0.0549	105	75-125		
Selenium	2.63		mg/l	0.0300	2.50	0.0034	105	75-125		
Chromium	2.57		mg/l	0.0100	2.50	0.0057	102	75-125		
Arsenic	2.55		mg/l	0.0080	2.50	BRL	102	75-125		
Silver	2.47		mg/l	0.0100	2.50	BRL	99	75-125		
Cadmium	2.67		mg/l	0.0050	2.50	0.0007	107	75-125		
Barium	2.84		mg/l	0.0100	2.50	0.127	108	75-125		
Matrix Spike Dup (9051855-MSD1) **Source: SA95203-09**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Selenium	2.63		mg/l	0.0300	2.50	0.0034	105	75-125	0.1	20
Lead	2.67		mg/l	0.0150	2.50	0.0549	104	75-125	0.6	20
Chromium	2.55		mg/l	0.0100	2.50	0.0057	102	75-125	0.8	20
Cadmium	2.66		mg/l	0.0050	2.50	0.0007	106	75-125	0.5	20
Silver	2.49		mg/l	0.0100	2.50	BRL	100	75-125	1	20
Arsenic	2.54		mg/l	0.0080	2.50	BRL	102	75-125	0.3	20
Barium	2.83		mg/l	0.0100	2.50	0.127	108	75-125	0.3	20
Post Spike (9051855-PS1) **Source: SA95203-09**										
Prepared: 28-May-09 Analyzed: 29-May-09										
Lead	2.69		mg/l	0.0150	2.50	0.0549	106	75-125		
Selenium	2.62		mg/l	0.0300	2.50	0.0034	105	75-125		
Cadmium	2.67		mg/l	0.0050	2.50	0.0007	107	75-125		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051855 - SW846 3010A										
Post Spike (9051855-PS1)	**Source: SA95203-09**									
Prepared: 28-May-09 Analyzed: 29-May-09										
Chromium	2.57		mg/l	0.0100	2.50	0.0057	103	75-125		
Silver	2.56		mg/l	0.0100	2.50	BRL	102	75-125		
Arsenic	2.55		mg/l	0.0080	2.50	BRL	102	75-125		
Barium	2.83		mg/l	0.0100	2.50	0.127	108	75-125		
Batch 9052012 - EPA200/SW7000 Series										
Blank (9052012-BLK1)										
Prepared & Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020						
LCS (9052012-BS1)										
Prepared & Analyzed: 28-May-09										
Mercury	0.00453		mg/l	0.00020	0.00500		91	56.1-122		
Duplicate (9052012-DUP1)	**Source: SA95203-09**									
Prepared & Analyzed: 28-May-09										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (9052012-MS1)	**Source: SA95203-09**									
Prepared & Analyzed: 28-May-09										
Mercury	0.00470		mg/l	0.00020	0.00500	BRL	94	59.8-119		
Matrix Spike Dup (9052012-MSD1)	**Source: SA95203-09**									
Prepared & Analyzed: 28-May-09										
Mercury	0.00480		mg/l	0.00020	0.00500	BRL	96	59.8-119	2	20
Post Spike (9052012-PS1)	**Source: SA95203-09**									
Prepared & Analyzed: 28-May-09										
Mercury	0.00453		mg/l	0.00020	0.00500	BRL	91	72.4-113		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051642 - General Preparation										
Duplicate (9051642-DUP1)	**Source: SA95202-58**									
Prepared & Analyzed: 22-May-09										
% Solids	89.2		%			89.3			0.1	20

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 9051622 - General Preparation										
Duplicate (9051622-DUP1)	**Source: SA95203-04**									
Prepared & Analyzed: 22-May-09										
Ignitability by Definition	0.00		N/A			Negative				35
Batch 9051629 - General Preparation										
Duplicate (9051629-DUP1)	**Source: SA95203-04**									
Prepared & Analyzed: 22-May-09										
pH	6.45		pH Units			6.42			0.5	5
Reference (9051629-SRM1)										
Prepared & Analyzed: 22-May-09										
pH	7.02		pH Units		7.00		100	97.5-102.5		
Reference (9051629-SRM2)										
Prepared & Analyzed: 22-May-09										
pH	7.06		pH Units		7.00		101	97.5-102.5		
Batch 9051844 - General Preparation										
Blank (9051844-BLK1)										
Prepared & Analyzed: 26-May-09										
Reactivity	Nonreactive		mg/kg wet							
Reactive Cyanide	BRL		mg/kg wet	25.0						
Reactive Sulfide	BRL		mg/kg wet	50.0						
Duplicate (9051844-DUP1)	**Source: SA95263-01**									
Prepared & Analyzed: 26-May-09										
Reactivity	Nonreactive		mg/kg dry			0.00				200
Reactive Cyanide	BRL		mg/kg dry	24.8		BRL				35
Reactive Sulfide	BRL		mg/kg dry	49.5		BRL				35
Reference (9051844-SRM1)										
Prepared & Analyzed: 26-May-09										
Reactive Cyanide	BRL		mg/kg wet	25.0	100			0-200		
Reference (9051844-SRM2)										
Prepared & Analyzed: 26-May-09										
Reactive Sulfide	144		mg/kg wet	50.0	6700		2	0-200		

Notes and Definitions

CAL2	Analyte percent drift/percent difference is greater than 30%, data is accepted due to all CCC analytes passing within the 20% Drift/Difference criteria
CAL3	SPCC criteria was met however analyte percent drift/percent difference is greater than 30%, data is accepted due to CCC analytes passing within the 20% Drift/Difference criteria
DC1	The analyte result for the confirmation column was outside of the acceptance limits. The result from the primary column was used. The analyte was not detected in the associated samples.
DC2	The analyte result for the primary column was outside of the acceptance limits. The result from the confirmation column was used. The analyte was not detected in the associated samples.
IgHT	A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.
QB1	The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
V11	Analyte concentration confirmed by duplicate analysis.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues 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).
pH	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. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Kim Wisk

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: TRC - Windsor, CT

Project Location: East Bridgeport Railyard - Bridgeport, CT

Project Number: 107307-3704-210

Sampling Date(s):
20-May-09

Laboratory Sample ID(s):
SA95203-01 through SA95203-10

RCP Methods Used:

+CT ETPH	EPA 245.1/7470A	SW846 1311	SW846 1311/6010B	SW846 1311/7470A
SW846 1312	SW846 1312/6010B	SW846 1312/7470A	SW846 6010B	SW846 7471A
SW846 8081A	SW846 8082	SW846 8151A	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: 6/1/2009

SA95203 EM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: Liam Bane
TRC
21 Griffin Rd North
Windsor, CT 06095
Project Mgr.: Liam Bane
Telephone #: 860-918-1587

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 107307.3704-210
Site Name: East Bridgeport Railyard
Location: Bridgeport State: CT
Sampler(s): Liam Bane

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice 10= _____ 11= _____

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

List preservative code below: 7,2 | 9 | 9 | 4/9 | 9 | 4/9 | 9 | 9 | 9

QA/QC Reporting Notes: (check as needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials*	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8015/8260	SVOCs 8270C	ETPH CT Meth. RCRA + metals	Total/SPLP TCLP	PCBs 8082	CT RSR metals Total/SPLP/TCLP	Herb/Pest 8150/8081	Ignitability	Corrosivity	Reactivity	Cyanide/Sulfide	Containers / Analyses
95203-01	TP-4 (0-2)	5-20-09	0745	G	SO	3		2		X	X	X	X	X							
02	TP-5 (1-3)	↓	0820	↓	↓	3		2		X	X	X	X	X							
03	TP-6 (1-3)	↓	0855	↓	↓	3		2		X	X	X	X	X							
04	TP-7 (1-3)	↓	0935	↓	↓	3		4		X	X	X	X	X	X	X	X	X			
05	TP-8 (0-2)	↓	1100	↓	↓	3		2		X	X	X	X	X							
06	TP-9 (3-6)	↓	1120	↓	↓	3		2		X	X	X	X	X							
07	TP-10 (1-3)	↓	1150	↓	↓	3		2		X	X	X	X	X							
08	TP-11 (2-4)	↓	1230	↓	↓	3		2		X	X	X	X	X							
09	TP-12 (2-4)	↓	1315	↓	↓	3	2			X	X	X	X	X							
10	GW-TP-7	↓	1010	↓	GW	2	7		2	X	X	X	X	X	X	X					GW - Total / Dissolved metals; Filtered sample for dissolved metals w/ 0.45 micron filter

EDD Format _____
- [x] E-mail to Bane@trcsolutions.com

Condition upon receipt: [x] Iced [ ] Ambient [x] C 4.2

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-21-09	1540
[signature]	[signature]	5/21/09	1750

SA95203 Em

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: Liam Banc
TRC
21 Griffin Rd North
Windsor, CT 06095
Project Mgr.: Liam Banc
Telephone #: 860-918-1587

Invoice To: Same
DAS pricing
See attached
P.O. No.: _____ RQN: _____

Project No.: 107307.3704-210
Site Name: East Bridgeport Railyard
Location: Bridgeport State: CT
Sampler(s): Liam Banc

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Ice 10= _____ 11= _____

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	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260/8260	SVOCs 8270C	ETPH CT Meth.	RCRA 8 metals	Total/SPLP	PCBs 8082	CT RSR metals	Total/SPLP/TCLP	Herb/Pest 8150/8081	Ignitability	Corrosivity	Reactivity	Cyanide/Sulfide
95203-01	TP-4 (0-2)	5-20-09	0745	G	SO	3		2		X	X	X	X		X							
02	TP-5 (1-3)		0820			3		2		X	X	X	X		X							
03	TP-6 (1-3)		0855			3		2		X	X	X	X		X							
04	TP-7 (1-3)		0935			3		4		X	X	X	X		X	X	X	X	X			
05	TP-8 (0-2)		1100			3		2		X	X	X	X		X							
06	TP-9 (3-4)		1120			3		2		X	X	X	X		X							
07	TP-10 (1-3)		1150			3		2		X	X	X	X		X							
08	TP-11 (2-4)		1230			3		2		X	X	X	X		X							
09	TP-12 (2-4)		1315			3	2			X	X	X	X		X							
10	GW-TP-7		1010		GW	2	7		2	X	X	X	X		X	X	X					

List preservative code below: 9 9 4/9 9 4/9 9 9 9

QA/QC Reporting Notes: (check as needed)
- [ ] Provide MA DEP MCP CAM Report
- [x] Provide CT DPH RCP Report

QA/QC Reporting Level
- [x] Standard
- [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

See attached

GW - Total / Dissolved metals only
Filtered sample for dissolved metals w/ 0.45 micron filter

EDD Format _____
- [x] E-mail to banc@trcsolutions.com

Condition upon receipt: [x] Iced [ ] Ambient [x] C 4.2

Relinquished by:	Received by:	Date:	Time:
[signature]	J. Reynolds	5-21-09	1540
J. Reynolds	[signature]	5/21/09	1750

East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

Inquiry Number: 2440206.1
March 11, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/11/09

Site Name:
East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

EDR Inquiry # 2440206.1

Client Name:
TRC Environmental
21 Griffin Road North
Windsor, CT 06095

Contact: Paul Cyr

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by TRC Environmental Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, State, Zip: Bridgeport, CT 06607
Cross Street:
P.O. # NA
Project: East Bridgeport
Certification # 2CDC-48B2-900C

Maps Provided:

1913
1939
1950
1972

Sanborn® Library search results
Certification # 2CDC-48B2-900C

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

· Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.

· All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.

· We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.

· A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

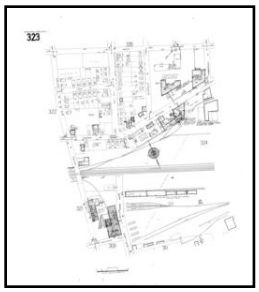
For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

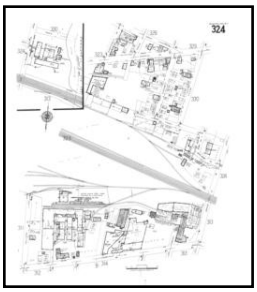
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1972 Source Sheets

Volume 3, Sheet 311



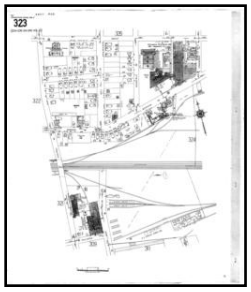
Volume 3, Sheet 323



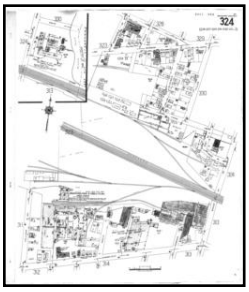
Volume 3, Sheet 324

1950 Source Sheets

Volume 3, Sheet 311



Volume 3, Sheet 323



Volume 3, Sheet 324

1939 Source Sheets

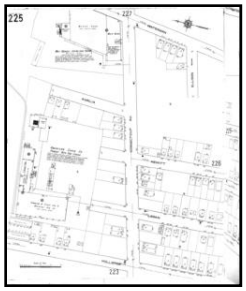
Volume 3, Sheet 311

Volume 3, Sheet 323

Volume 3, Sheet 324

1913 Source Sheets

Volume 2, Sheet 223



Volume 2, Sheet 225

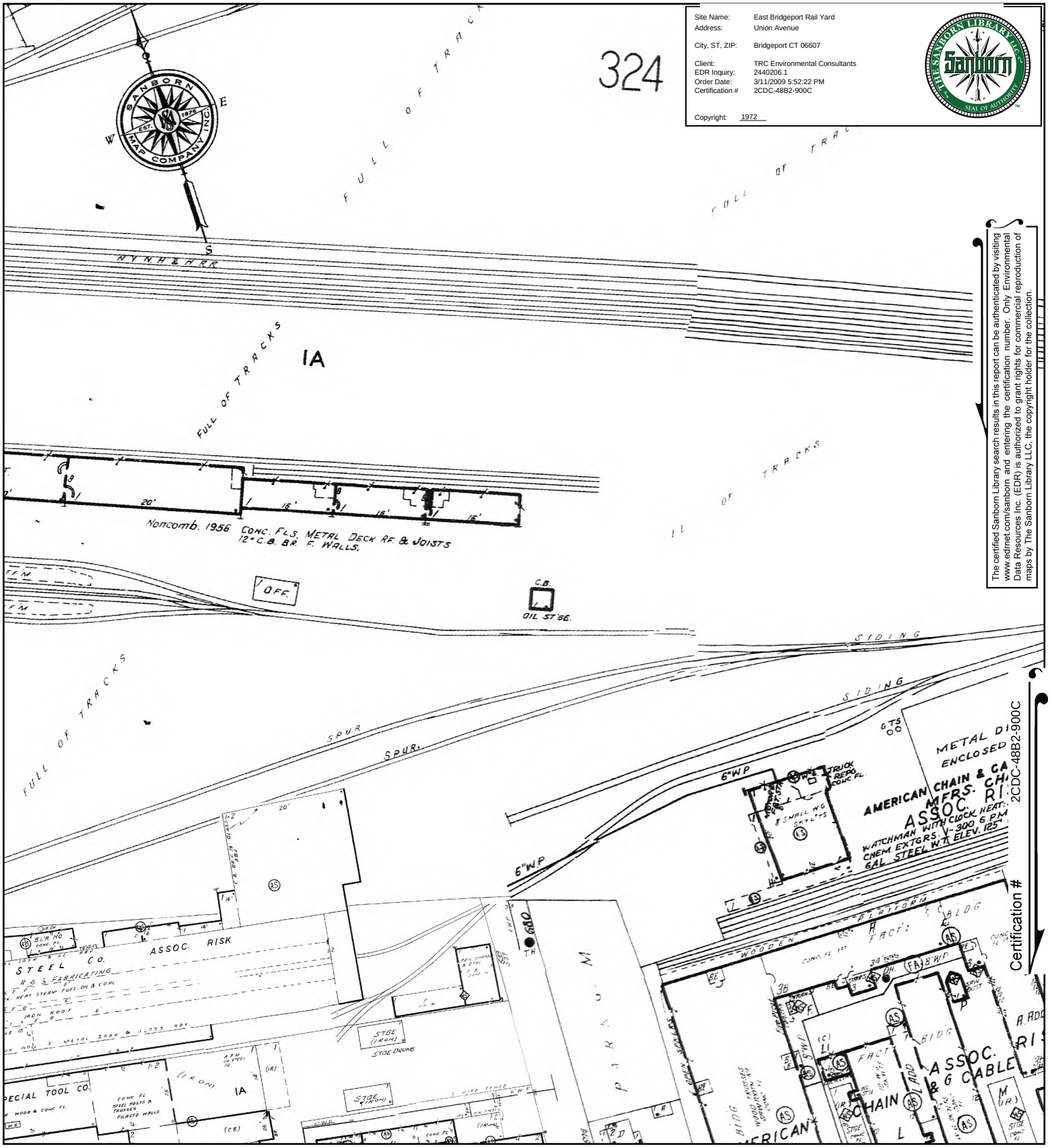
Volume 2, Sheet 236

1972 Certified Sanborn Map

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, ST, ZIP: Bridgeport CT 06607

Client: TRC Environmental Consultants
EDR Inquiry: 2440206.1
Order Date: 3/11/2009 5:52:22 PM
Certification # 2CDC-48B2-900C

Copyright: 1972



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Certification # 2CDC-48B2-900C

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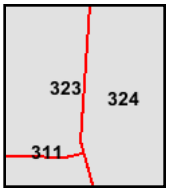

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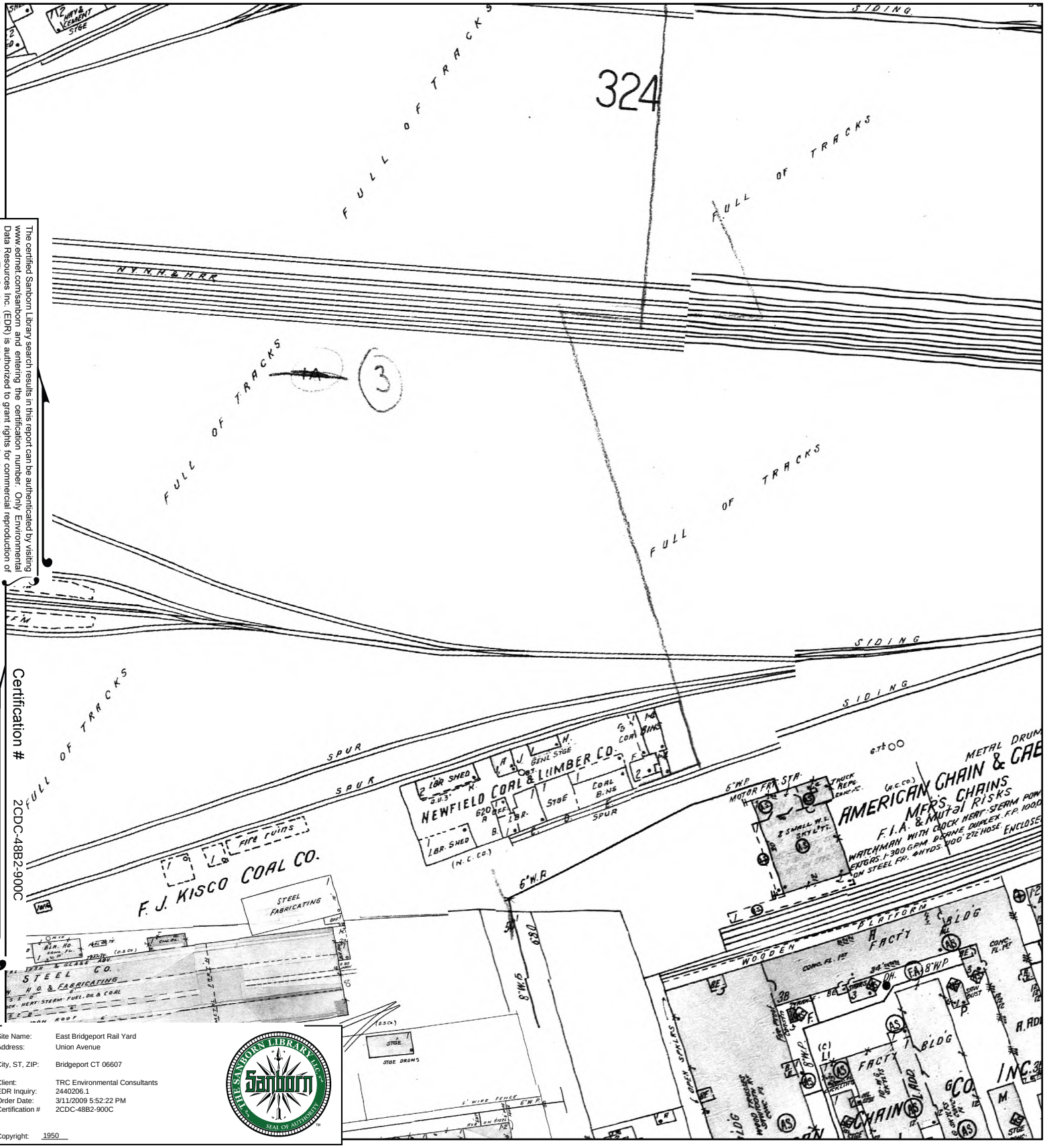
Volume 3, Sheet 323
Volume 3, Sheet 324

N

1950 Certified Sanborn Map



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Site Name:	East Bridgeport Rail Yard
Address:	Union Avenue
City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

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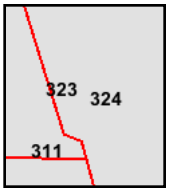

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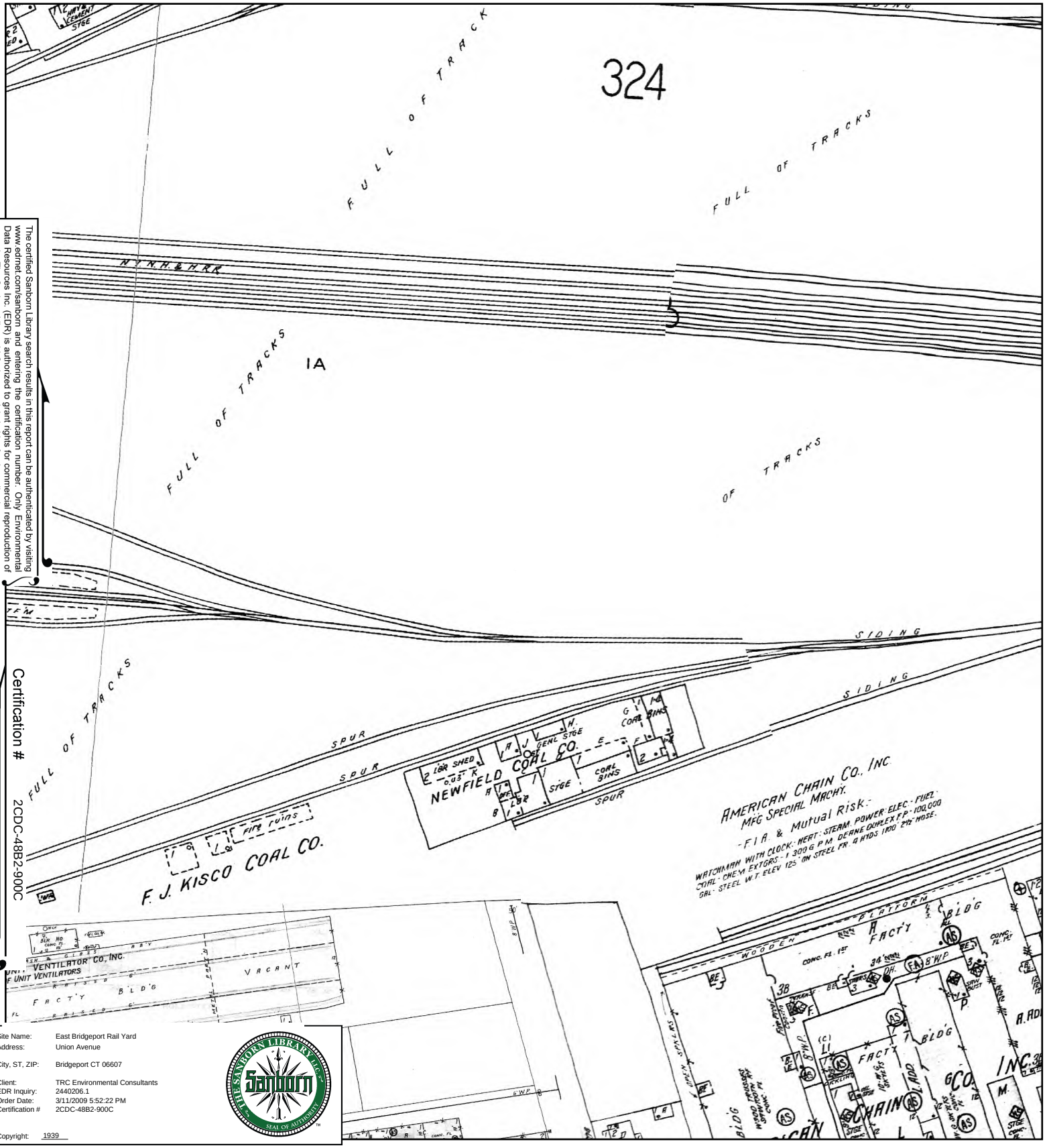
Volume 3, Sheet 323
Volume 3, Sheet 324

N

1939 Certified Sanborn Map



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EDR Inquiry:	2440206.1
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Certification #	2CDC-48B2-900C

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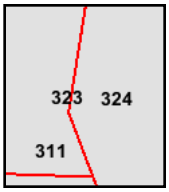

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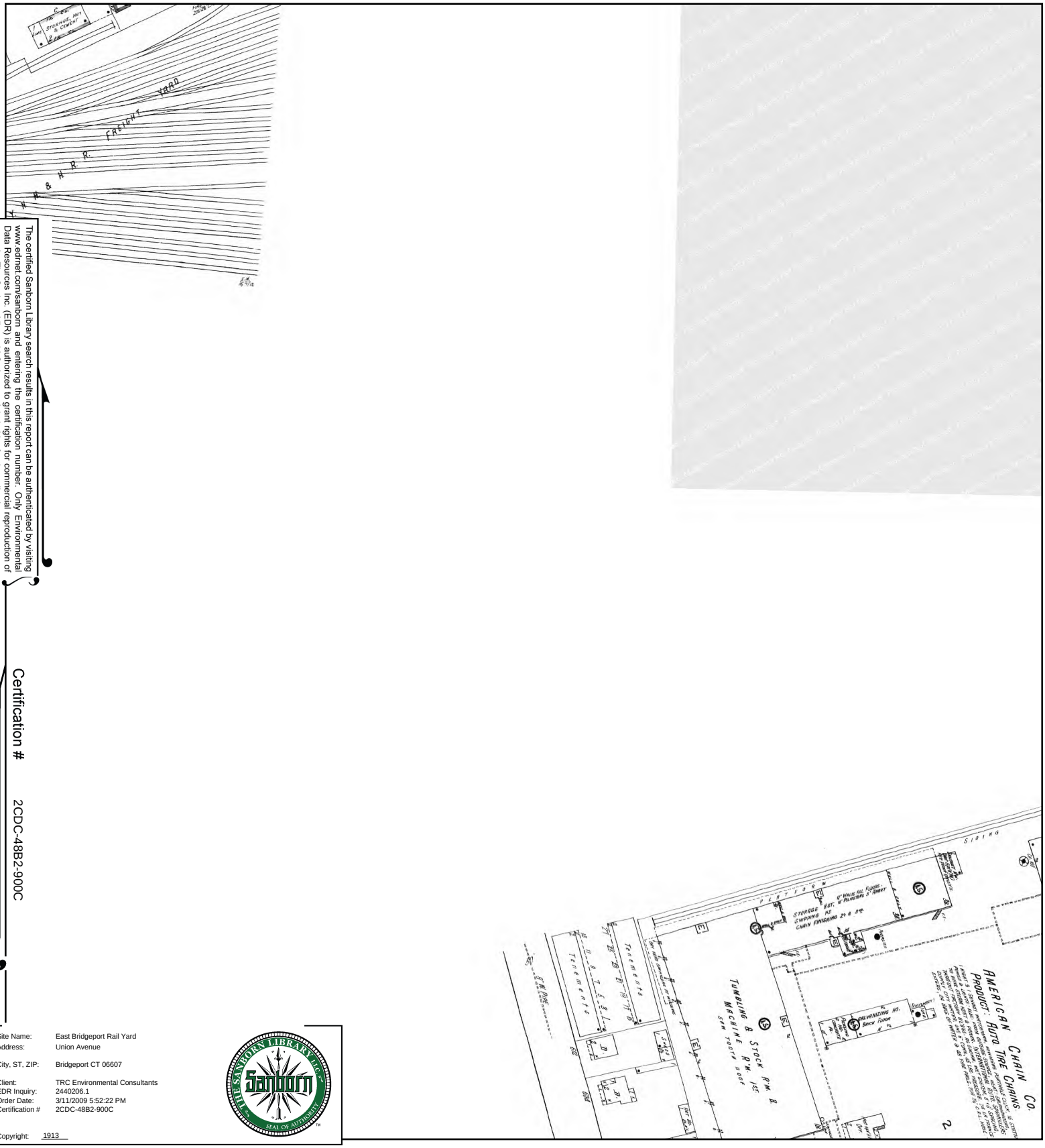
Volume 3, Sheet 323
Volume 3, Sheet 324

N

1913 Certified Sanborn Map



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Certification # 2CDC-48B2-900C

Site Name:	East Bridgeport Rail Yard
Address:	Union Avenue
City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

Copyright: 1913

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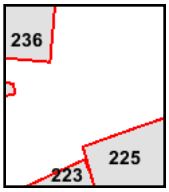

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Volume 2, Sheet 225
Volume 2, Sheet 236

N

East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

Inquiry Number: 2440206.1
March 11, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/11/09

Site Name:
East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

EDR Inquiry # 2440206.1

Client Name:
TRC Environmental
21 Griffin Road North
Windsor, CT 06095

Contact: Paul Cyr

EDR® Environmental Data Resources Inc

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Certified Sanborn Results:

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, State, Zip: Bridgeport, CT 06607
Cross Street:
P.O. # NA
Project: East Bridgeport
Certification # 2CDC-48B2-900C

Sanborn® Library search results
Certification # 2CDC-48B2-900C

Maps Provided:

1898
1913
1939
1950
1972

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Certified Sanborn® Map Report Enhancements for 2009

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· Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.

· All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.

· We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.

· A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

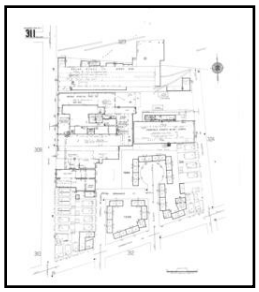
For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

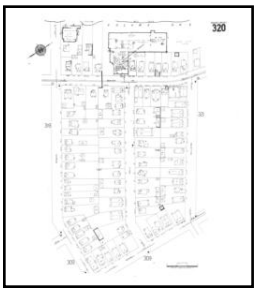
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1972 Source Sheets

Volume 3, Sheet 309



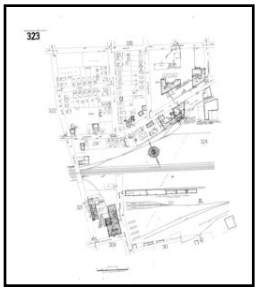
Volume 3, Sheet 311



Volume 3, Sheet 320

Volume 3, Sheet 321

Volume 3, Sheet 322



Volume 3, Sheet 323

1950 Source Sheets

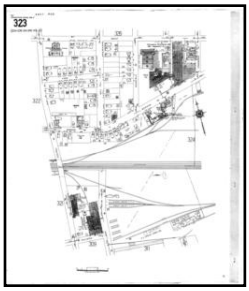
Volume 3, Sheet 309

Volume 3, Sheet 311

Volume 3, Sheet 320

Volume 3, Sheet 321

Volume 3, Sheet 322



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1939 Source Sheets

Volume 3, Sheet 309

Volume 3, Sheet 311

Volume 3, Sheet 320

Volume 3, Sheet 321

Volume 3, Sheet 322

Volume 3, Sheet 323

1913 Source Sheets

Volume 2, Sheet 231

Volume 2, Sheet 233

Volume 2, Sheet 234

Volume 2, Sheet 235

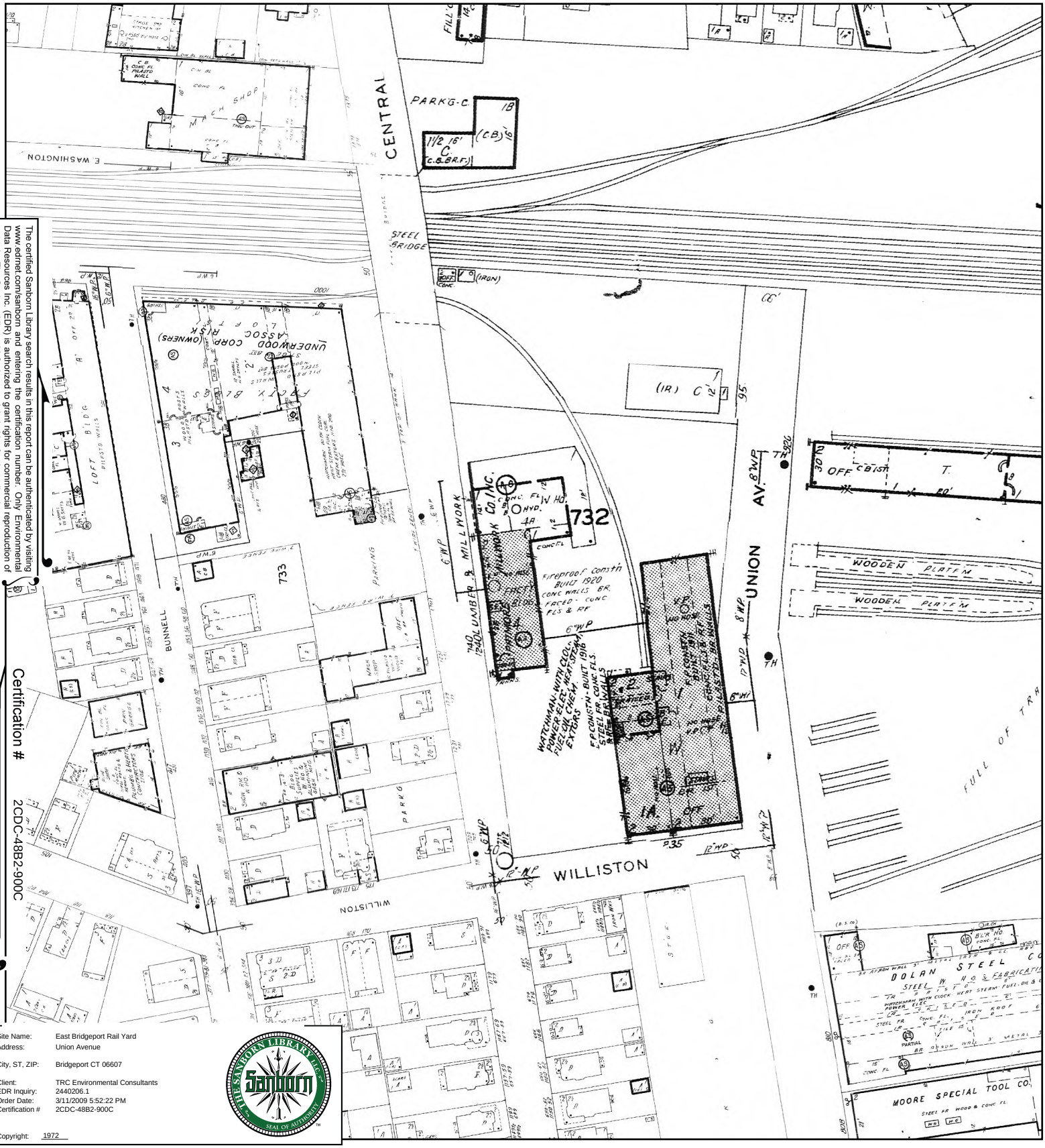
Volume 2, Sheet 236

1898 Source Sheets

Volume 1, Sheet 69

Volume 1, Sheet 70

1972 Certified Sanborn Map



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Address:	Union Avenue
City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

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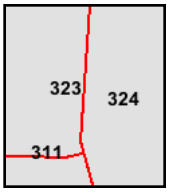

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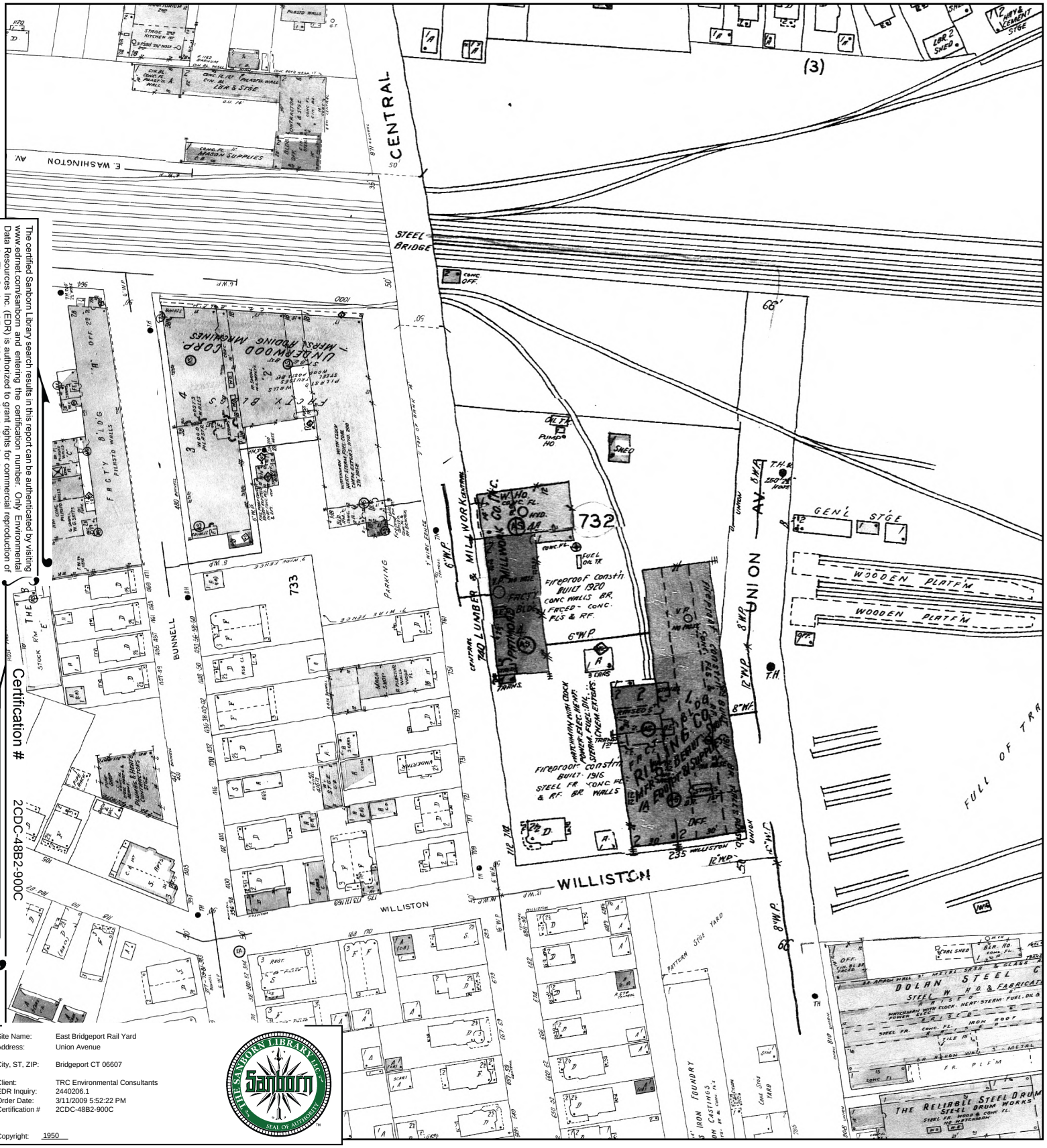
Volume 3, Sheet 311
Volume 3, Sheet 320
Volume 3, Sheet 321
Volume 3, Sheet 322
Volume 3, Sheet 323

N

1950 Certified Sanborn Map



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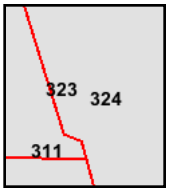
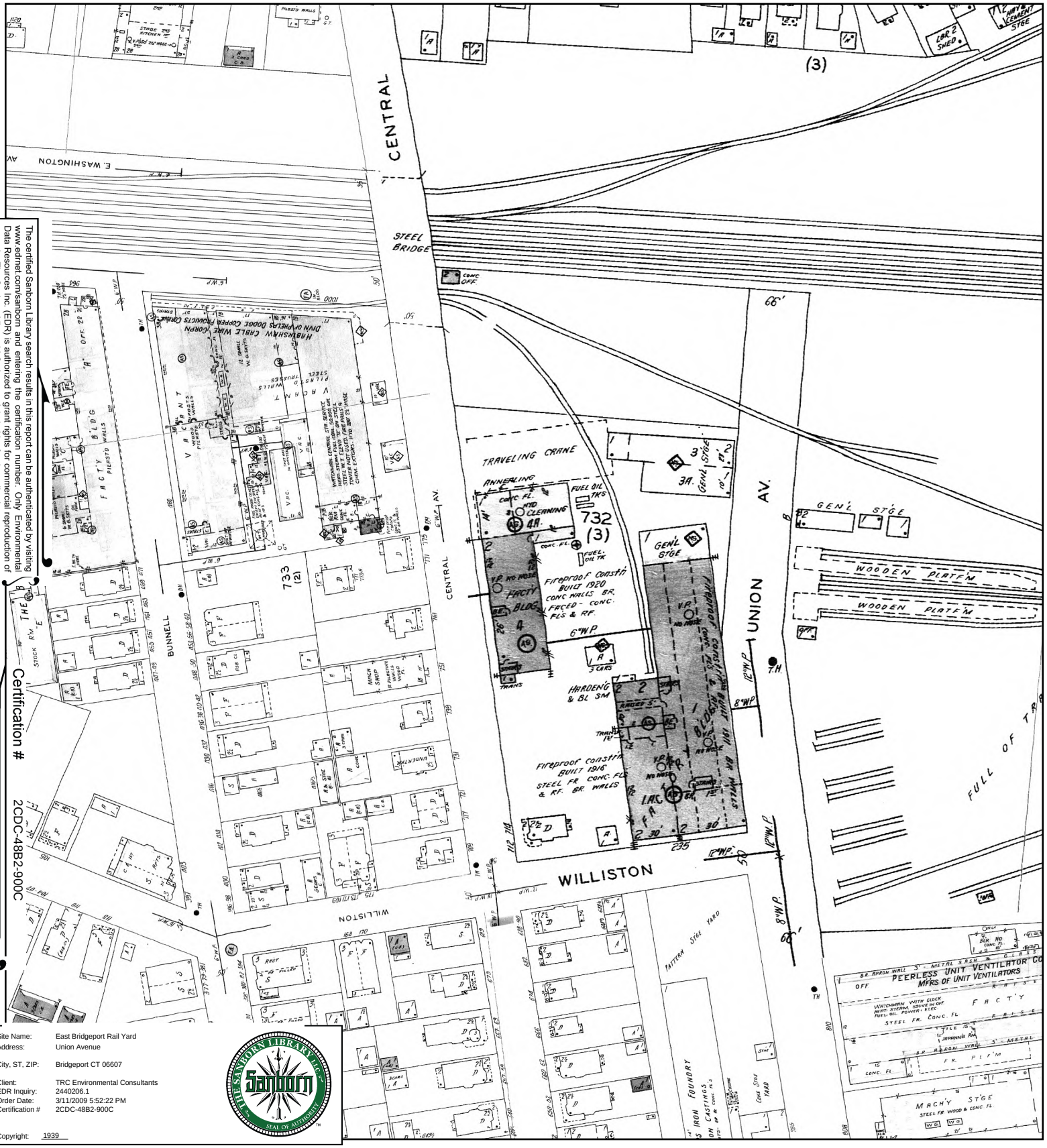


Volume 3, Sheet 309
Volume 3, Sheet 311
Volume 3, Sheet 320
Volume 3, Sheet 321
Volume 3, Sheet 322
Volume 3, Sheet 323

N

1939 Certified Sanborn Map



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City, ST, ZIP:	Bridgeport CT 06607
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Certification #	2CDC-48B2-900C
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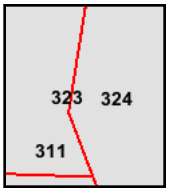
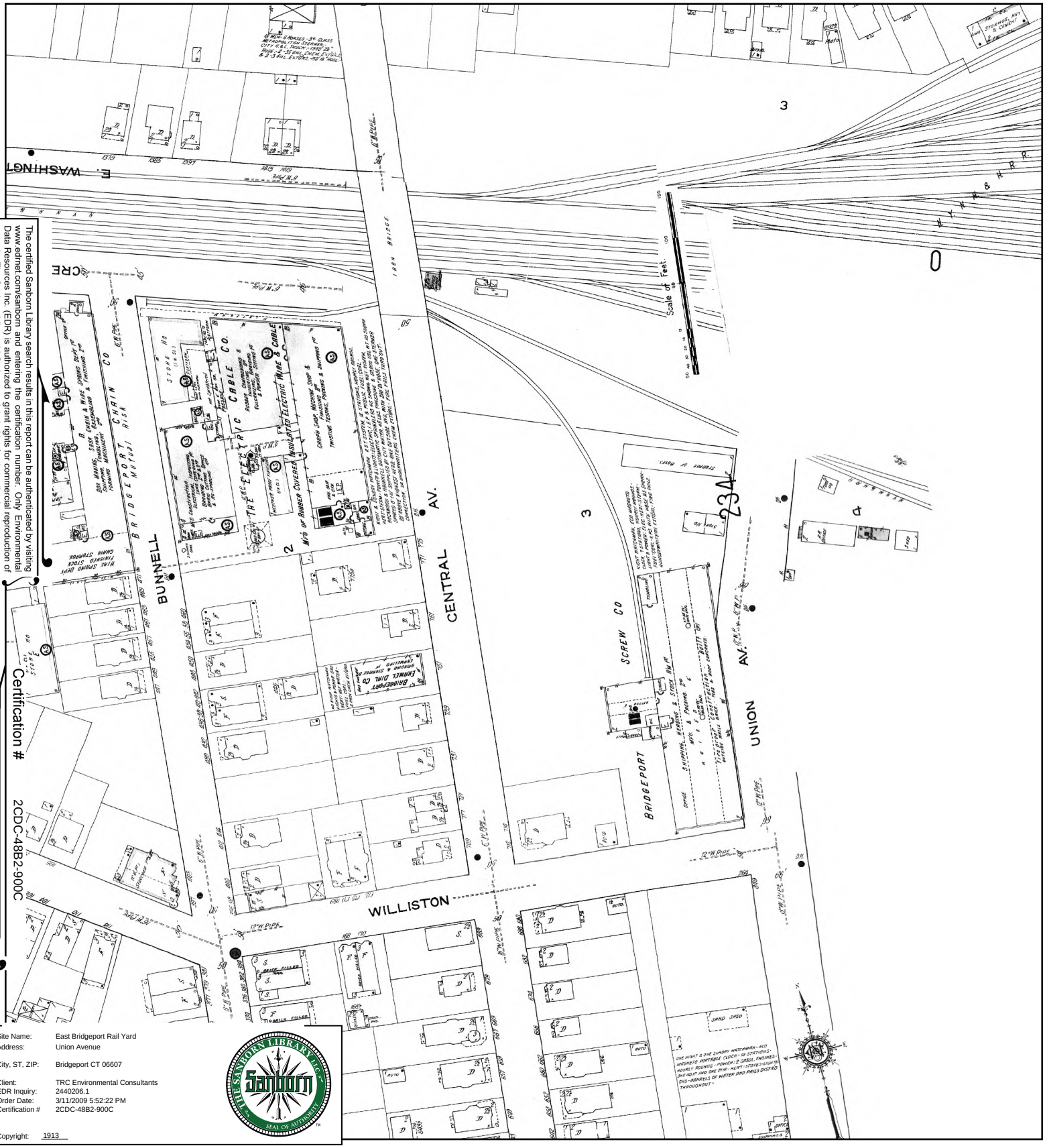


Volume 3, Sheet 309
Volume 3, Sheet 311
Volume 3, Sheet 320
Volume 3, Sheet 321
Volume 3, Sheet 322
Volume 3, Sheet 323

N

1913 Certified Sanborn Map



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EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
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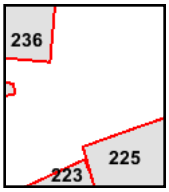

Volume 2, Sheet 231
Volume 2, Sheet 233
Volume 2, Sheet 234
Volume 2, Sheet 235
Volume 2, Sheet 236

0 Feet 150 300 600

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1898 Certified Sanborn Map

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Certification #	2CDC-48B2-900C

Copyright: 1898

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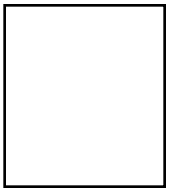

Volume 1, Sheet 69
Volume 1, Sheet 70

0 Feet 150 300 600

N

East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

Inquiry Number: 2440206.1
March 11, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/11/09

Site Name:
East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

EDR Inquiry # 2440206.1

Client Name:
TRC Environmental
21 Griffin Road North
Windsor, CT 06095

Contact: Paul Cyr

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Certified Sanborn Results:

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, State, Zip: Bridgeport, CT 06607
Cross Street:
P.O. # NA
Project: East Bridgeport
Certification # 2CDC-48B2-900C

Maps Provided:

1913
1939
1950
1972

Sanborn® Library search results
Certification # 2CDC-48B2-900C

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· We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.

· A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

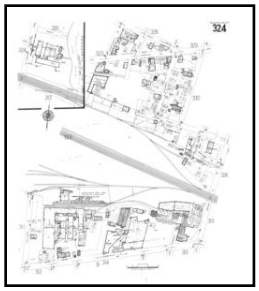
For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1972 Source Sheets

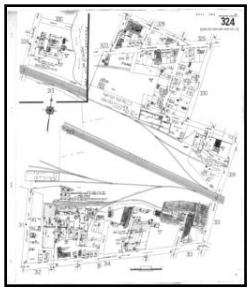
Volume 3, Sheet 314



Volume 3, Sheet 324

1950 Source Sheets

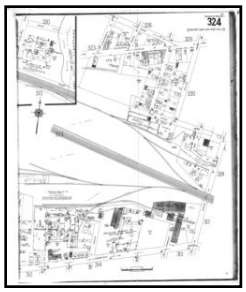
Volume 3, Sheet 314



Volume 3, Sheet 324

1939 Source Sheets

Volume 3, Sheet 314

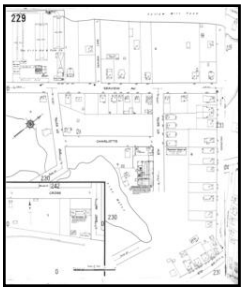


Volume 3, Sheet 324

1913 Source Sheets

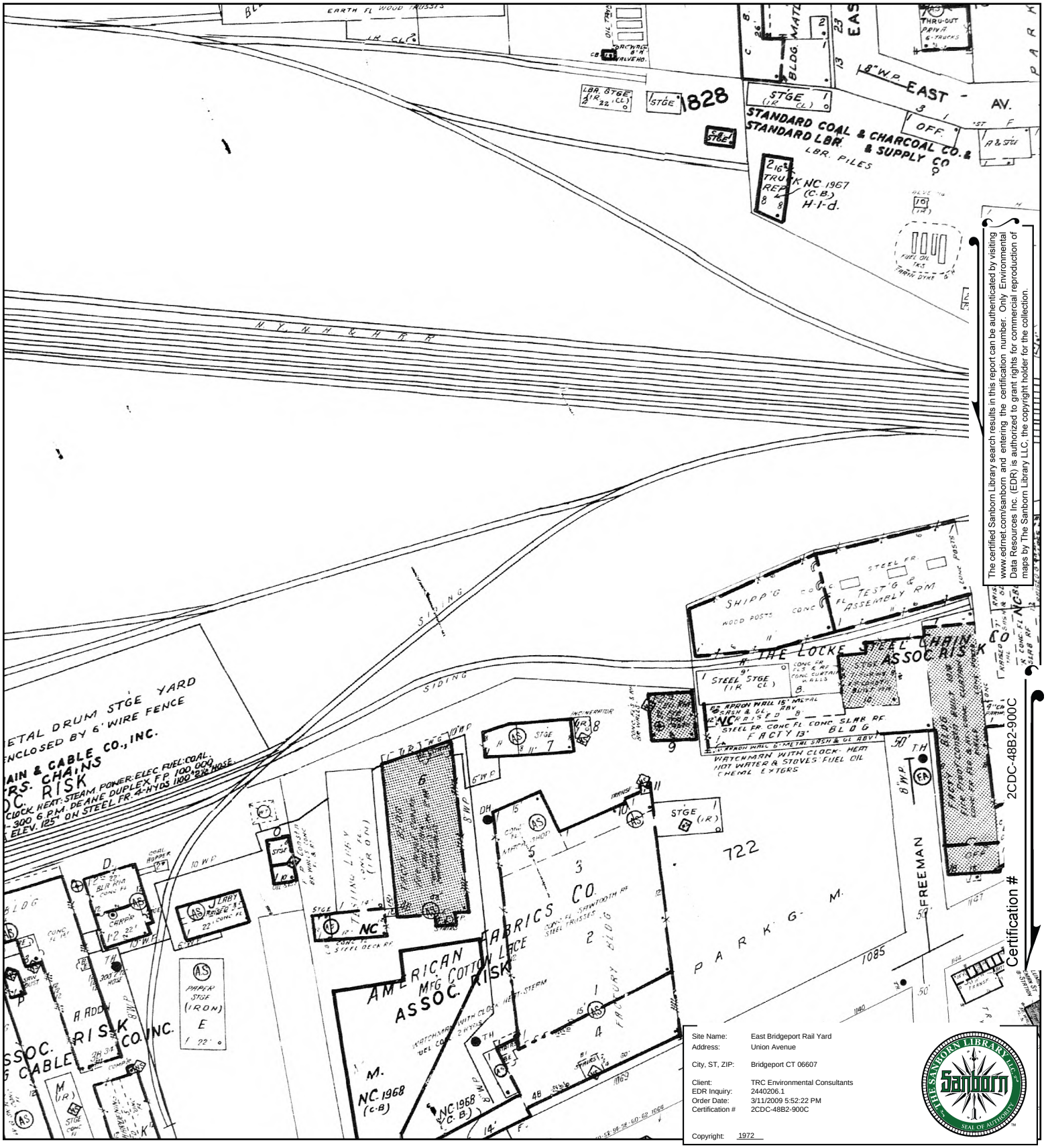
Volume 2, Sheet 225

Volume 2, Sheet 227



Volume 2, Sheet 229

1972 Certified Sanborn Map



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Certification # 2CDC-48B2-900C

Site Name:	East Bridgeport Rail Yard
Address:	Union Avenue
City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C
Copyright:	1972

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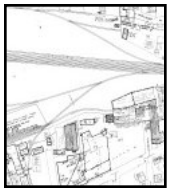
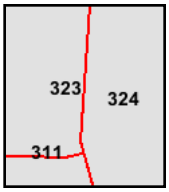
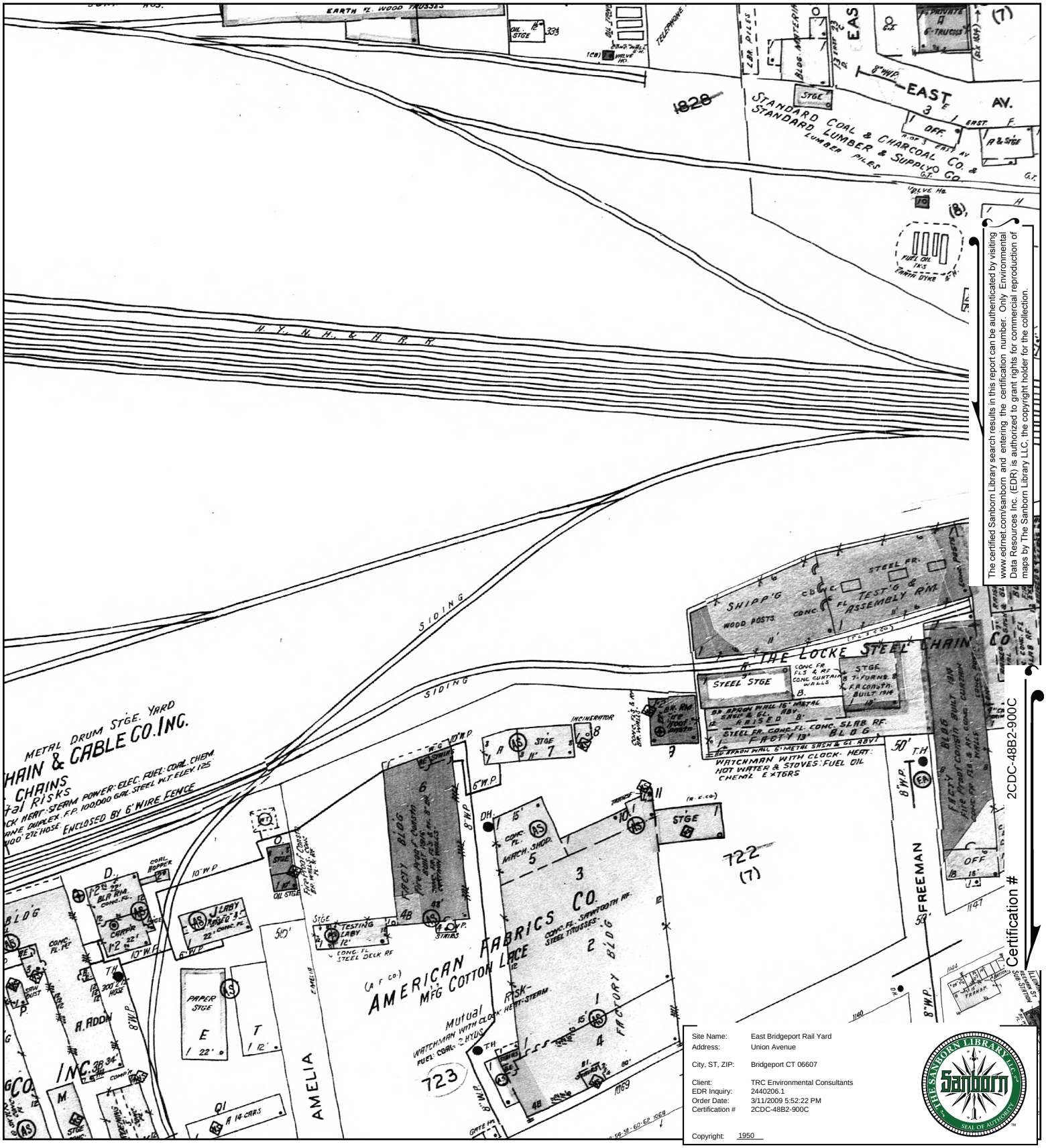




Volume 3, Sheet 314
Volume 3, Sheet 324

N

1950 Certified Sanborn Map



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EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C
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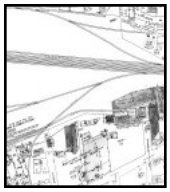

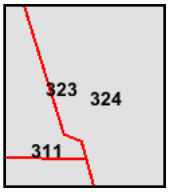

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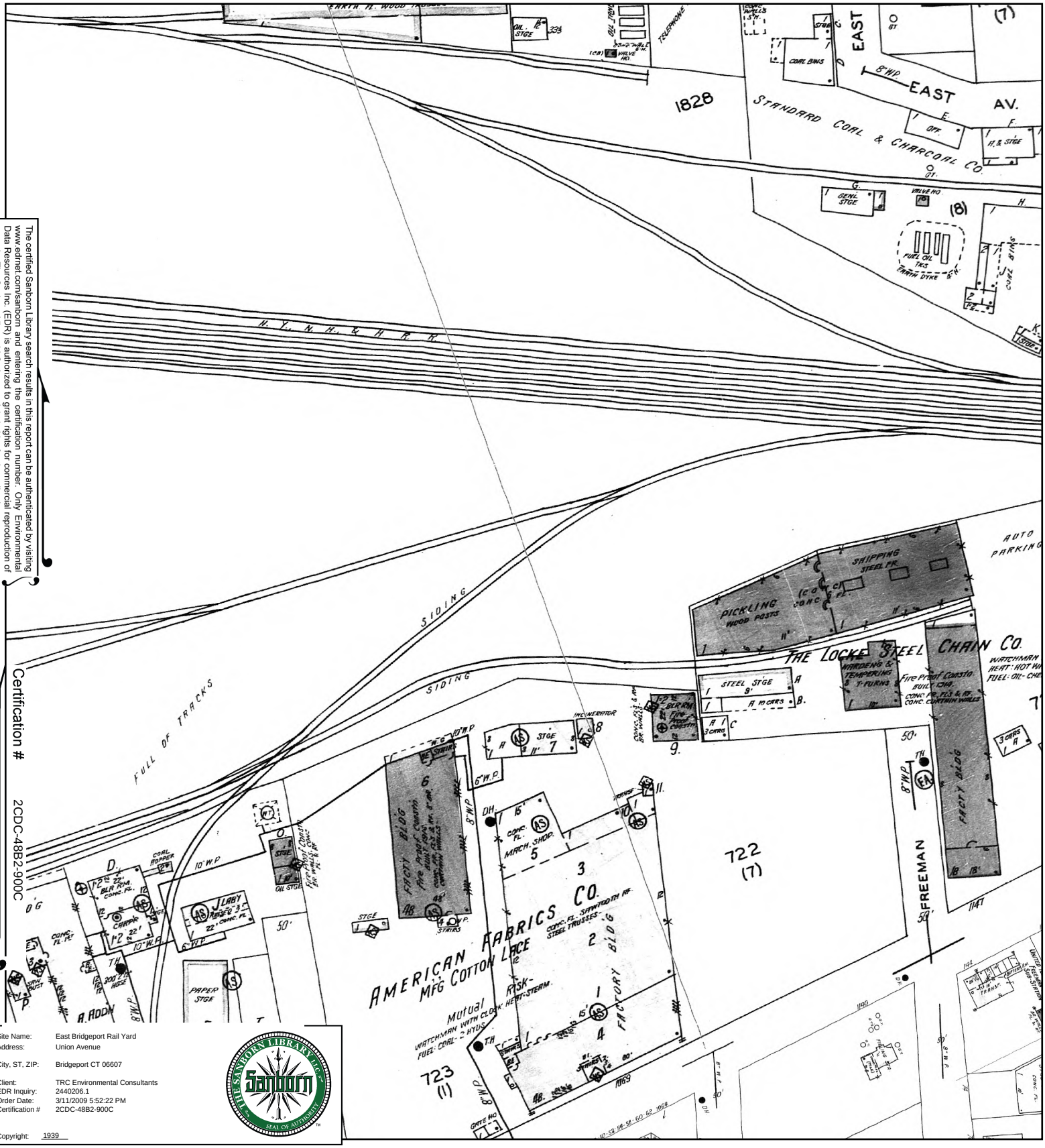
Volume 3, Sheet 324

N

1939 Certified Sanborn Map



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Certification # 2CDC-48B2-900C

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Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

Copyright: 1939

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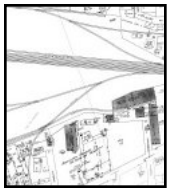
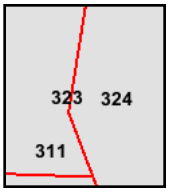
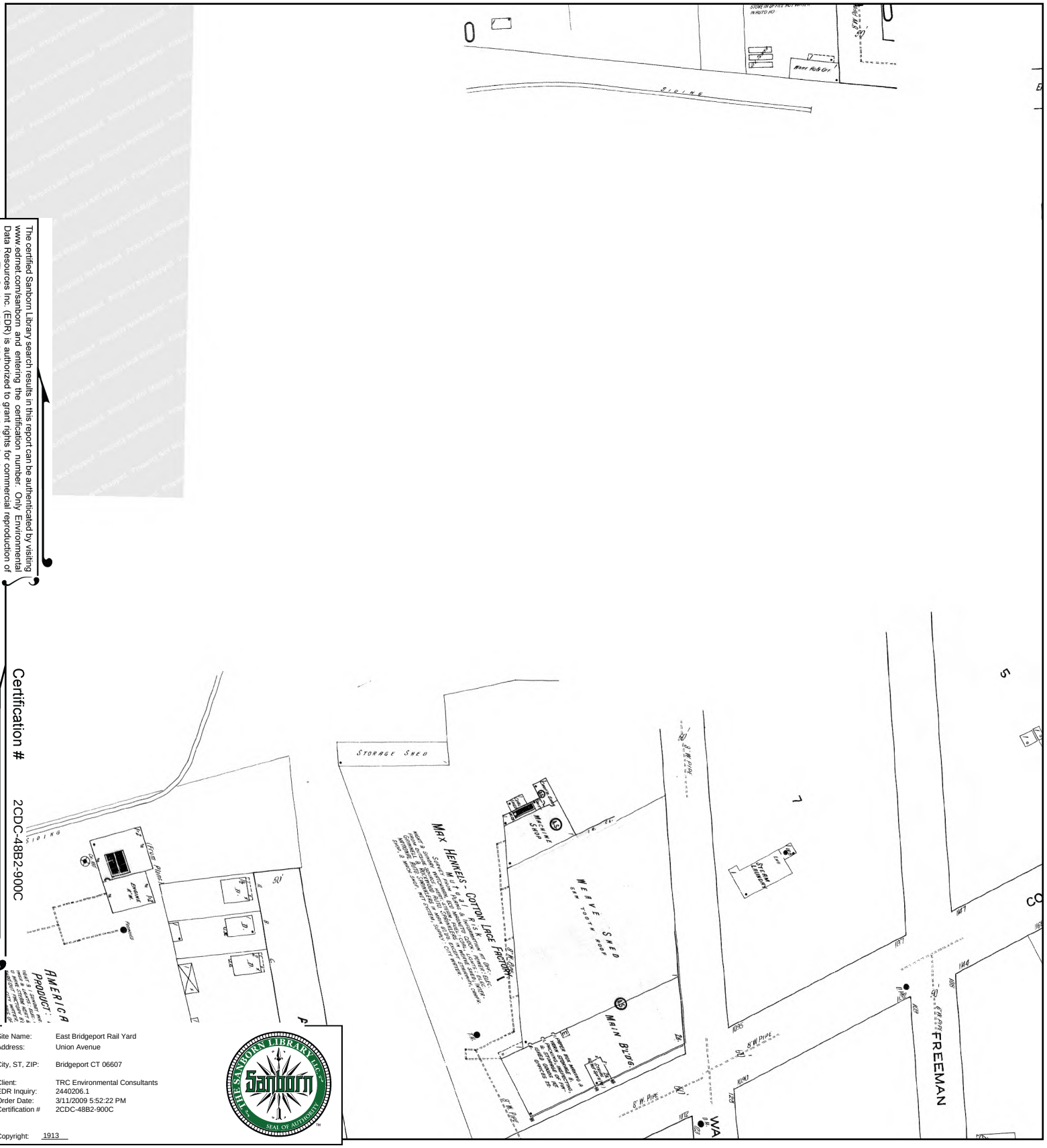




Volume 3, Sheet 314
Volume 3, Sheet 324

N

1913 Certified Sanborn Map



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Certification # 2CDC-48B2-900C

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EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

Copyright: 1913

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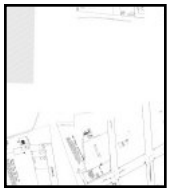
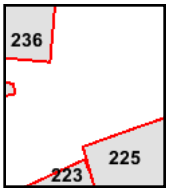
0 Feet 150 300 600





Volume 2, Sheet 225
Volume 2, Sheet 227
Volume 2, Sheet 229

N

East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

Inquiry Number: 2440206.1
March 11, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/11/09

Site Name:
East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

EDR Inquiry # 2440206.1

Client Name:
TRC Environmental
21 Griffin Road North
Windsor, CT 06095

Contact: Paul Cyr

EDR® Environmental Data Resources Inc

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Certified Sanborn Results:

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, State, Zip: Bridgeport, CT 06607
Cross Street:
P.O. # NA
Project: East Bridgeport
Certification # 2CDC-48B2-900C

Maps Provided:

1913
1939
1950
1972

Sanborn® Library search results
Certification # 2CDC-48B2-900C

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

· Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.

· All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.

· We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.

· A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

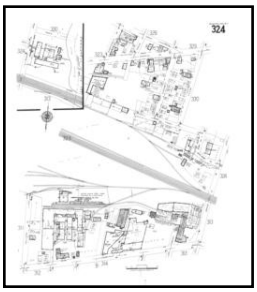
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1972 Source Sheets

Volume 3, Sheet 308

Volume 3, Sheet 313

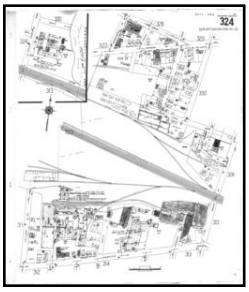


Volume 3, Sheet 324

1950 Source Sheets

Volume 3, Sheet 308

Volume 3, Sheet 313



Volume 3, Sheet 324

1939 Source Sheets

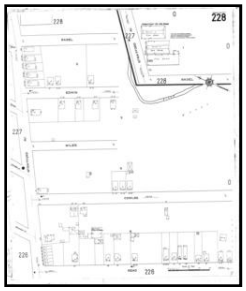
Volume 3, Sheet 308

Volume 3, Sheet 313

Volume 3, Sheet 324

1913 Source Sheets

Volume 2, Sheet 227



Volume 2, Sheet 228

Volume 2, Sheet 231

Volume 2, Sheet 244

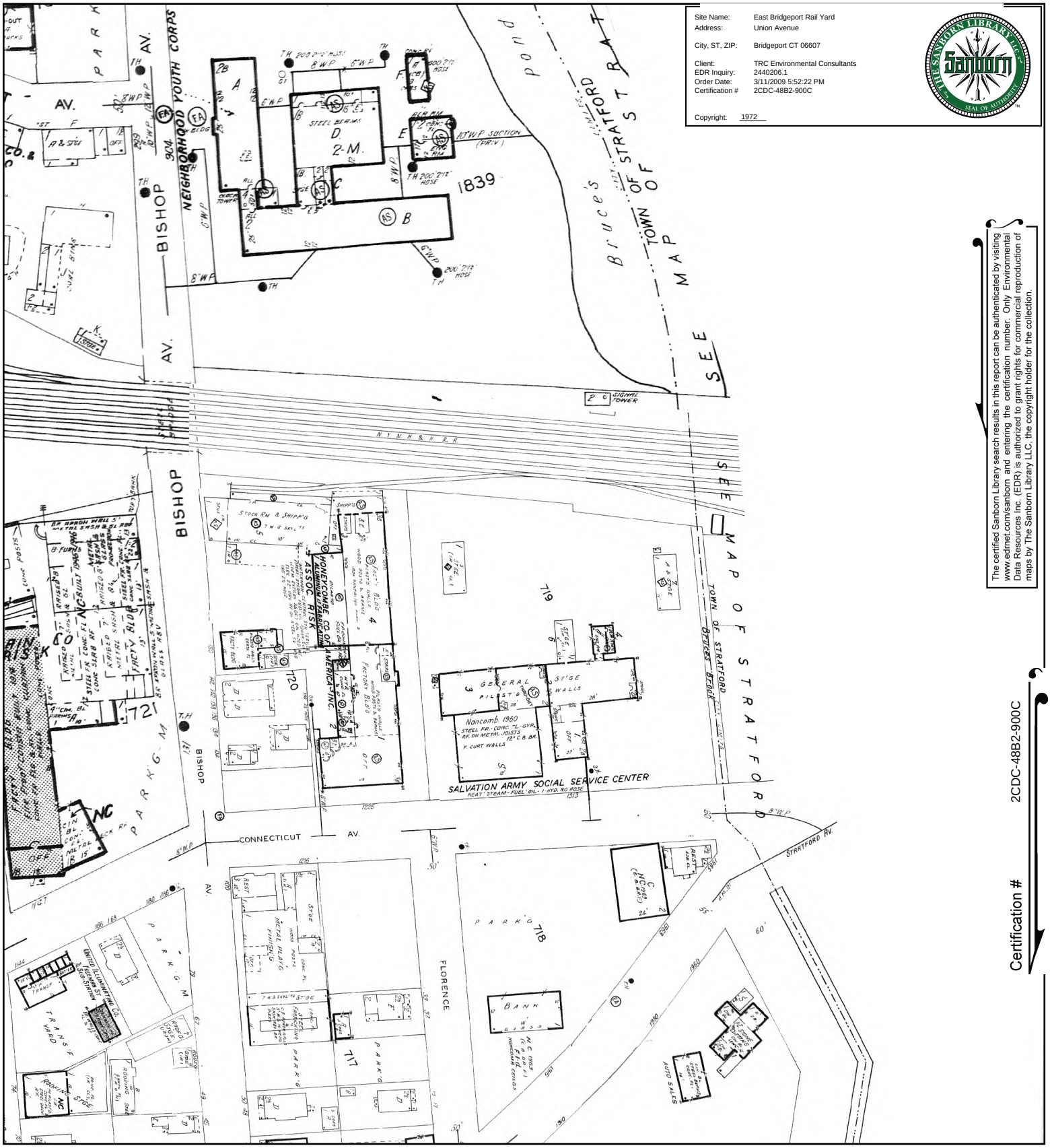
1972 Certified Sanborn Map

Site Name: East Bridgeport Rail Yard
Address: Union Avenue

City, ST, ZIP: Bridgeport CT 06607

Client: TRC Environmental Consultants
EDR Inquiry: 2440206.1
Order Date: 3/11/2009 5:52:22 PM
Certification # 2CDC-48B2-900C

Copyright: 1972



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Certification # 2CDC-48B2-900C

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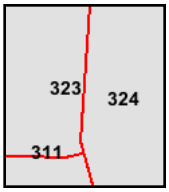


Volume 3, Sheet 308
Volume 3, Sheet 313
Volume 3, Sheet 324

0 Feet 150 300 600

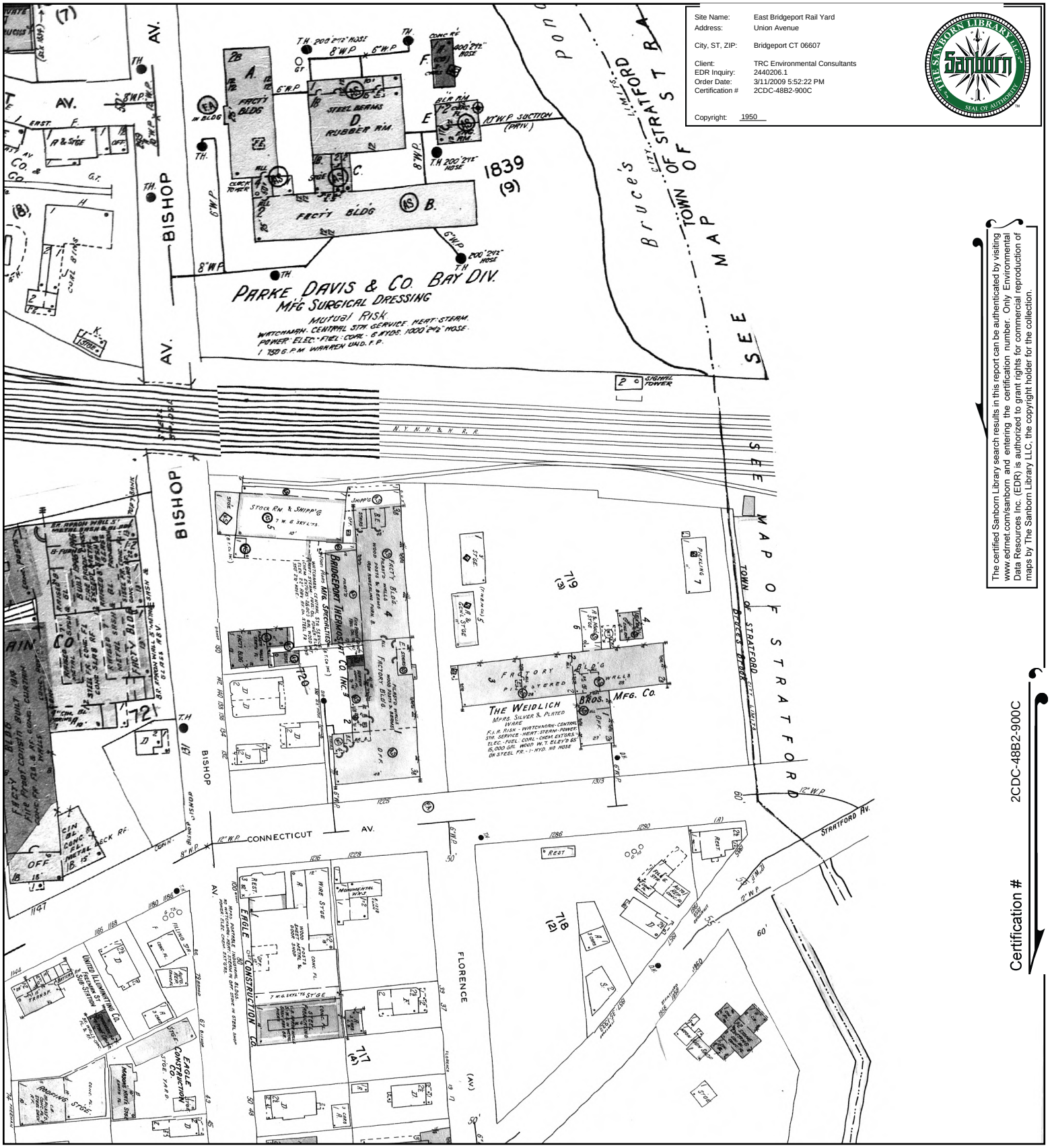
N

1950 Certified Sanborn Map

Site Name: East Bridgeport Rail Yard
Address: Union Avenue
City, ST, ZIP: Bridgeport CT 06607

Client: TRC Environmental Consultants
EDR Inquiry: 2440206.1
Order Date: 3/11/2009 5:52:22 PM
Certification # 2CDC-48B2-900C

Copyright: 1950



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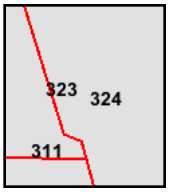

Volume 3, Sheet 308
Volume 3, Sheet 313
Volume 3, Sheet 324

0 Feet 150 300 600

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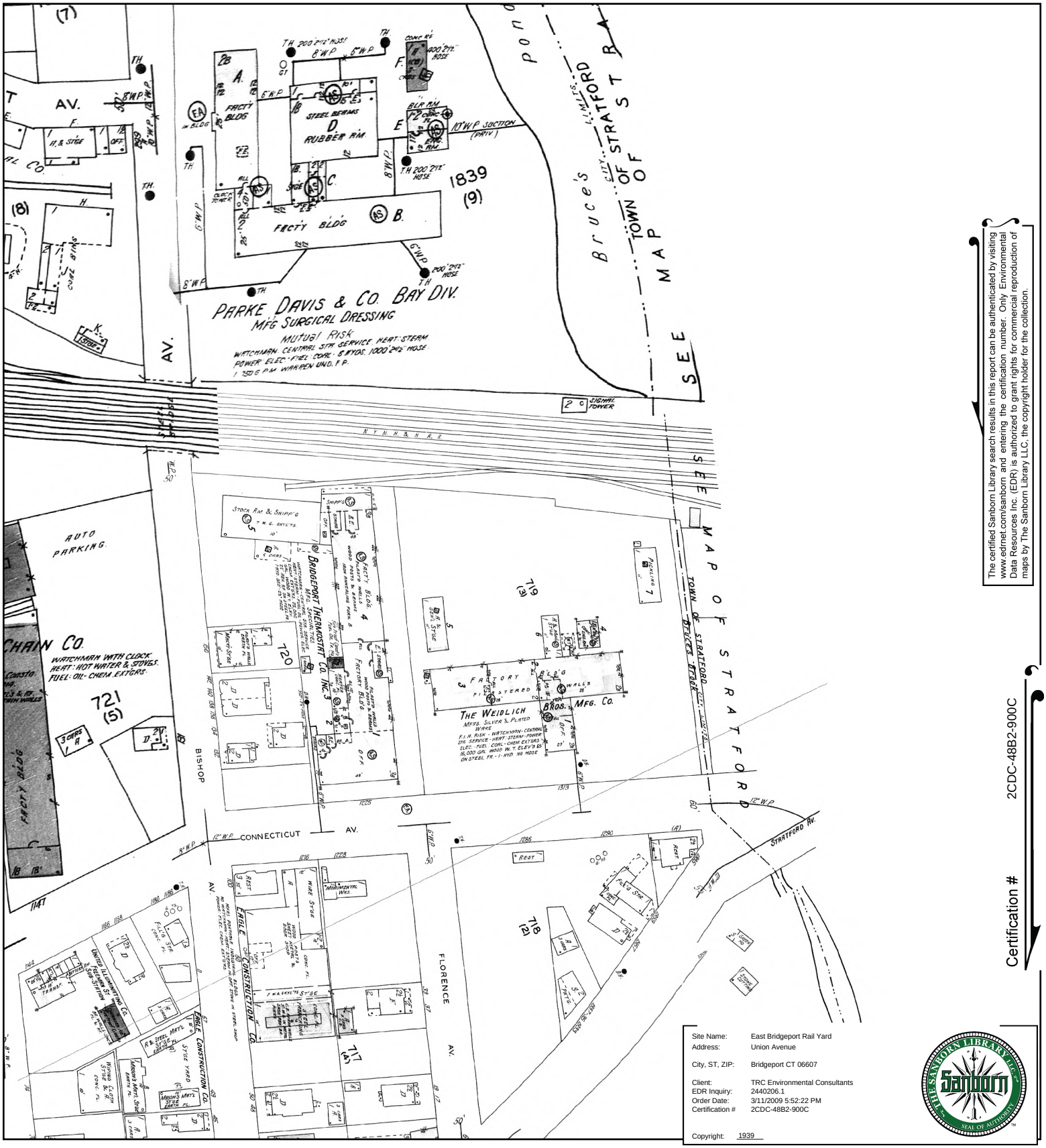
1939 Certified Sanborn Map



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Certification # 2CDC-48B2-900C

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Address:	Union Avenue
City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

Copyright: 1939

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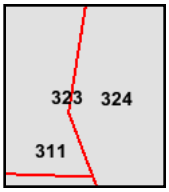
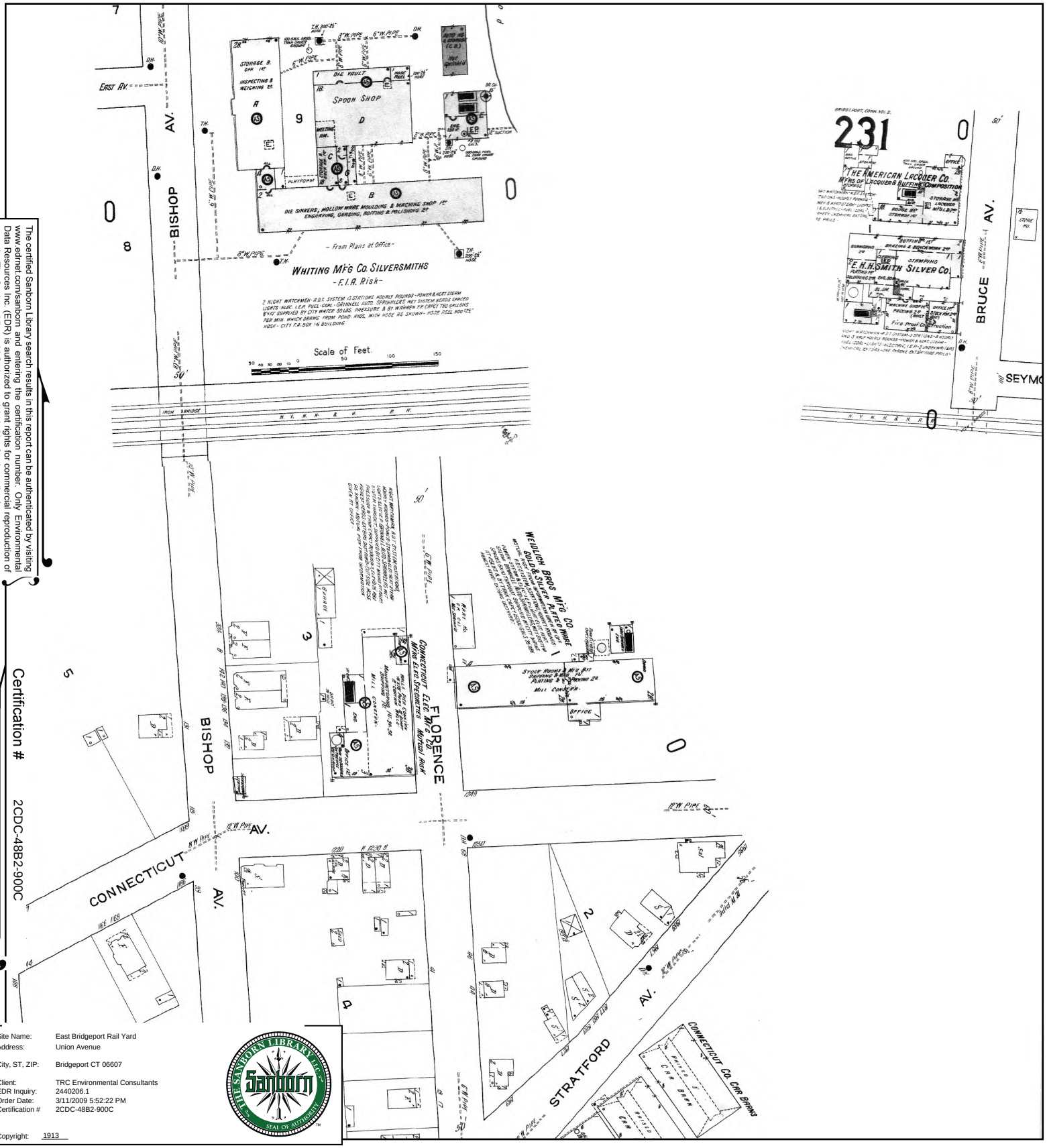


Volume 3, Sheet 308
Volume 3, Sheet 313
Volume 3, Sheet 324

N

1913 Certified Sanborn Map



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City, ST, ZIP:	Bridgeport CT 06607
Client:	TRC Environmental Consultants
EDR Inquiry:	2440206.1
Order Date:	3/11/2009 5:52:22 PM
Certification #	2CDC-48B2-900C

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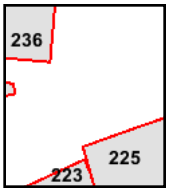

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Volume 2, Sheet 228
Volume 2, Sheet 231
Volume 2, Sheet 244

N

East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

Inquiry Number: 2420803.2
February 16, 2009

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/16/09

Site Name:
East Bridgeport Rail Yard
Union Avenue
Bridgeport, CT 06607

EDR Inquiry # 2420803.2

Client Name:
TRC Environmental
21 Griffin Road North
Windsor, CT 06095

Contact: Paul Cyr

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Address: Union Avenue
City, State, Zip: Bridgeport, CT 06607
Cross Street:
P.O. # NA
Project: East Bridgeport
Certification # D1A9-4961-B35B

Maps Provided:

1972
1950
1939
1913

Sanborn® Library search results
Certification # D1A9-4961-B35B

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Sanborn Sheet Thumbnails

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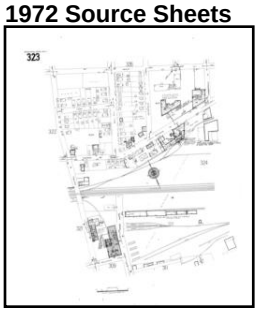
1972 Source Sheets



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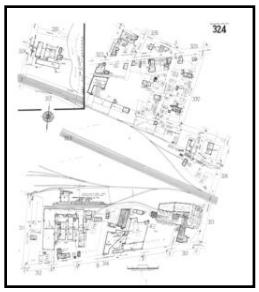
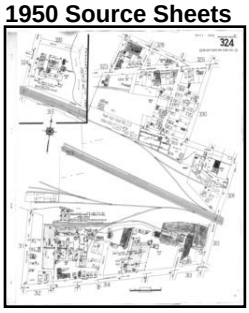


Volume 3, Sheet 324

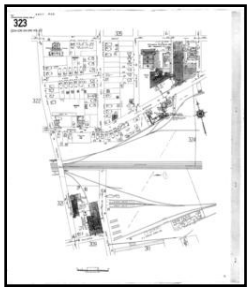
Volume 3, Sheet 311

Volume 3, Sheet 309

1950 Source Sheets



Volume 3, Sheet 324



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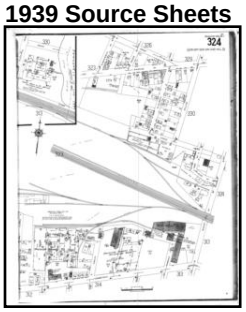
Volume 3, Sheet 311

Volume 3, Sheet 309

1939 Source Sheets



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Volume 3, Sheet 323

Volume 3, Sheet 311

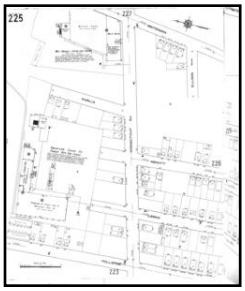
Volume 3, Sheet 309

1913 Source Sheets

Volume 2, Sheet 236

Volume 2, Sheet 234

Volume 2, Sheet 231



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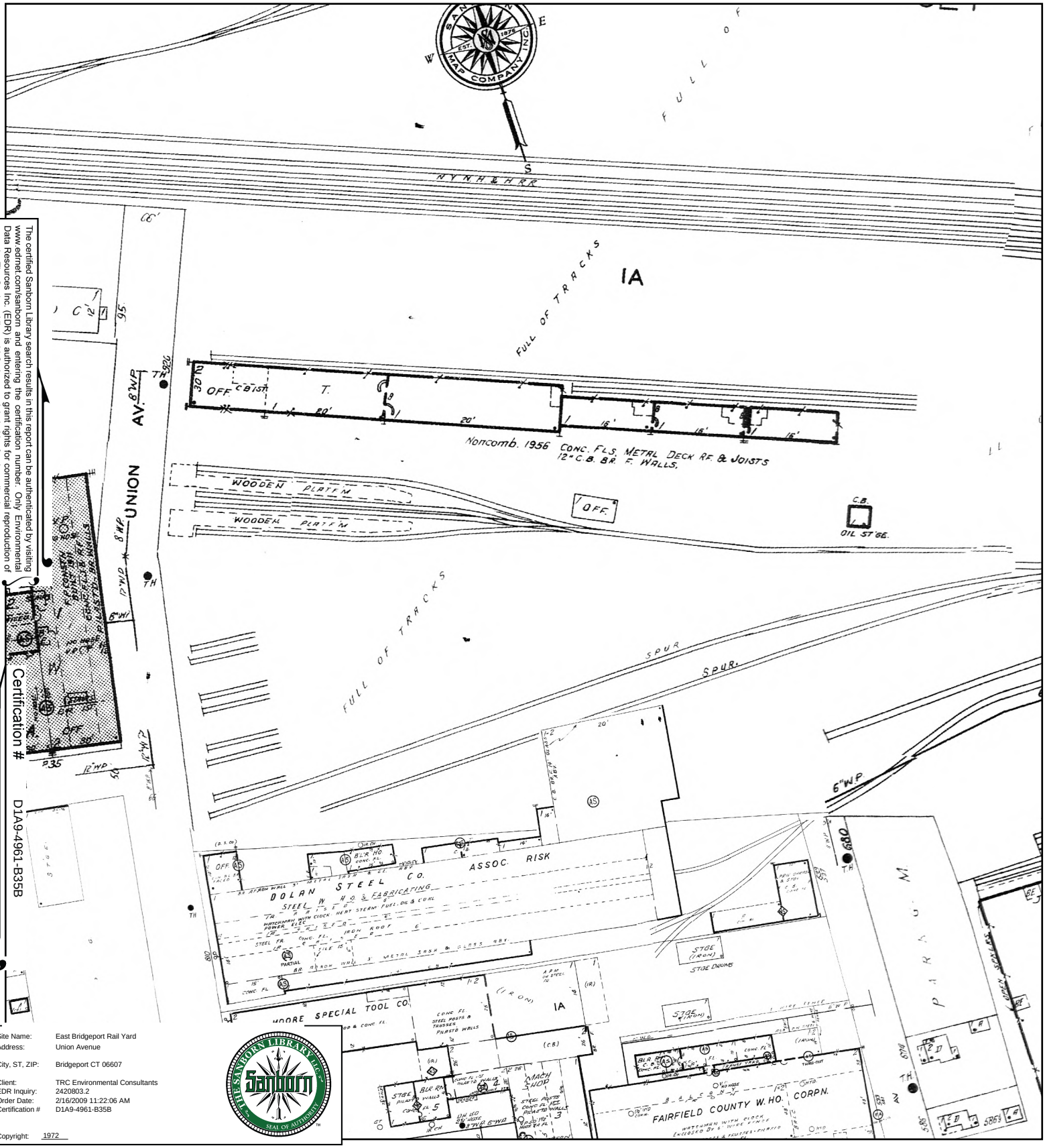
1972 Certified Sanborn Map



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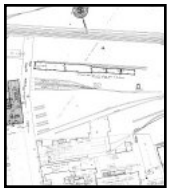

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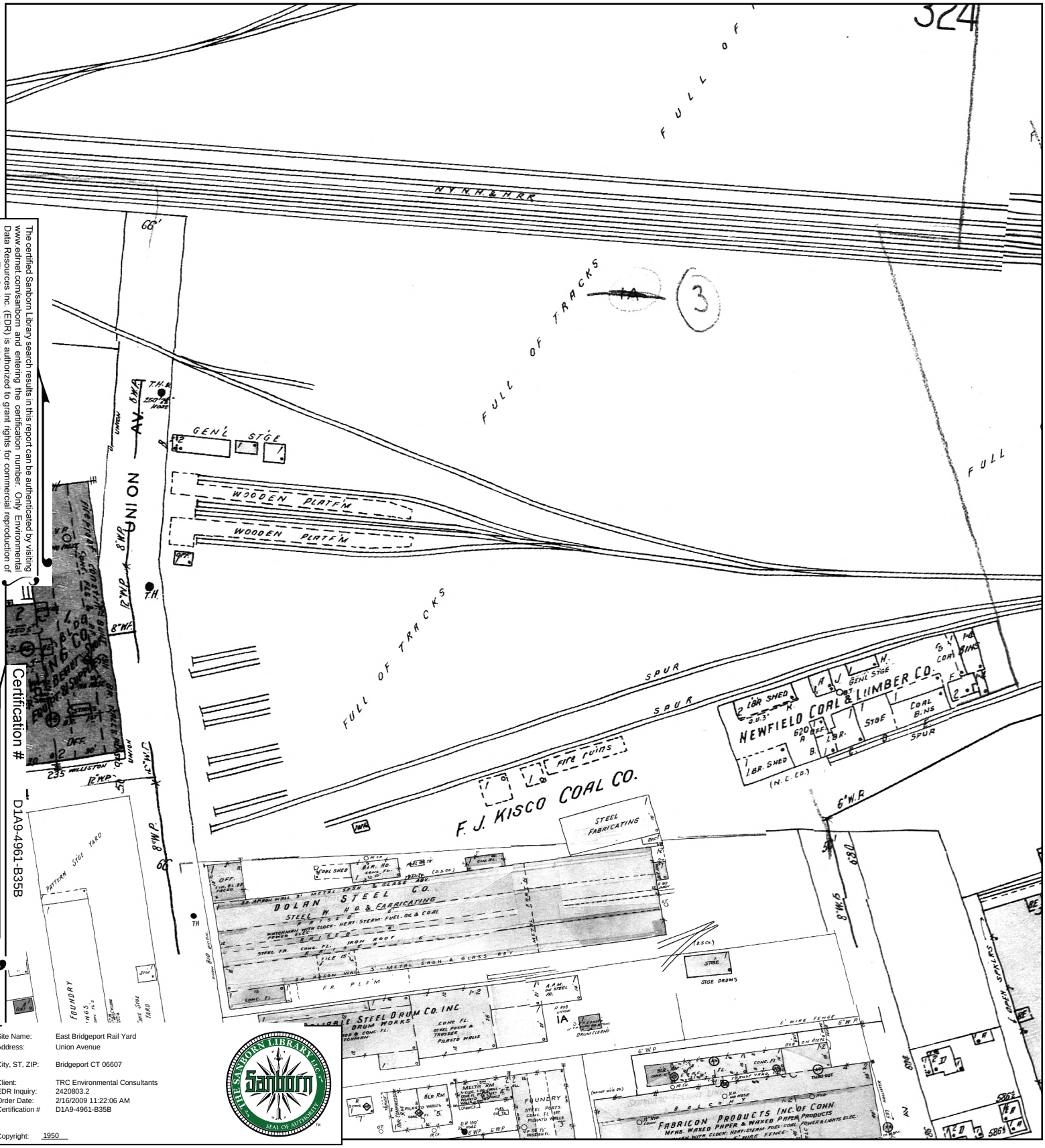

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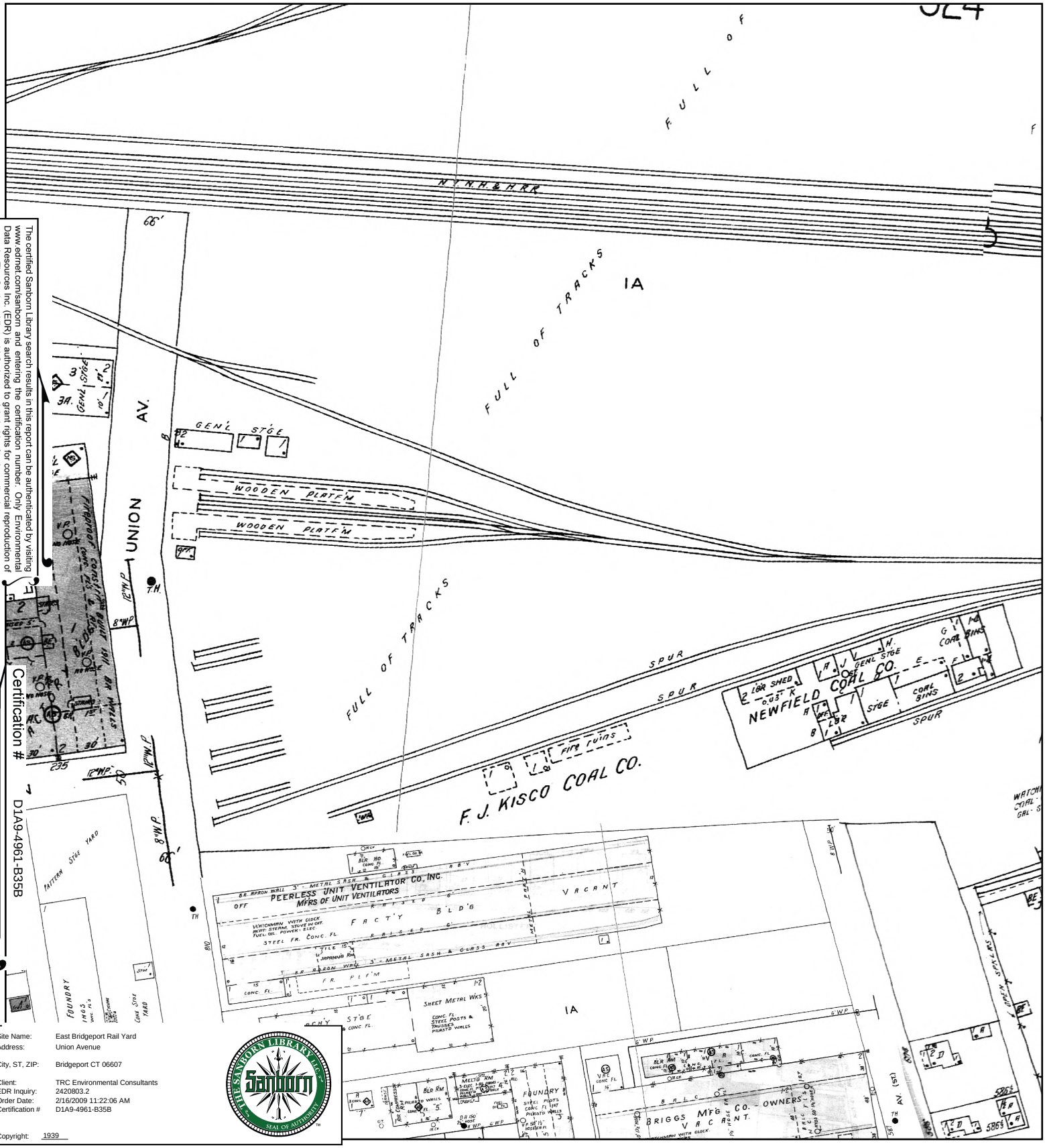

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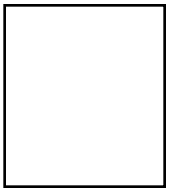

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0 Feet 150 300 600

N