TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Component Change Out Facility
New Haven, Connecticut

Volume 1 of 3

ConnDOT Assignment No. 202-3497
ConnDOT Project No. 301-88

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May 31, 2007

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1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. (MGI) has conducted a Task 210 - Subsurface Site Investigation in association with the New Haven Rail Yard Component Change Out Facility project in New Haven, Connecticut. The project will involve the construction of a Component Change Out Shop building along Brewery Street and to the east of the existing EMU Shop building. Figure 1 depicts the project area.

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

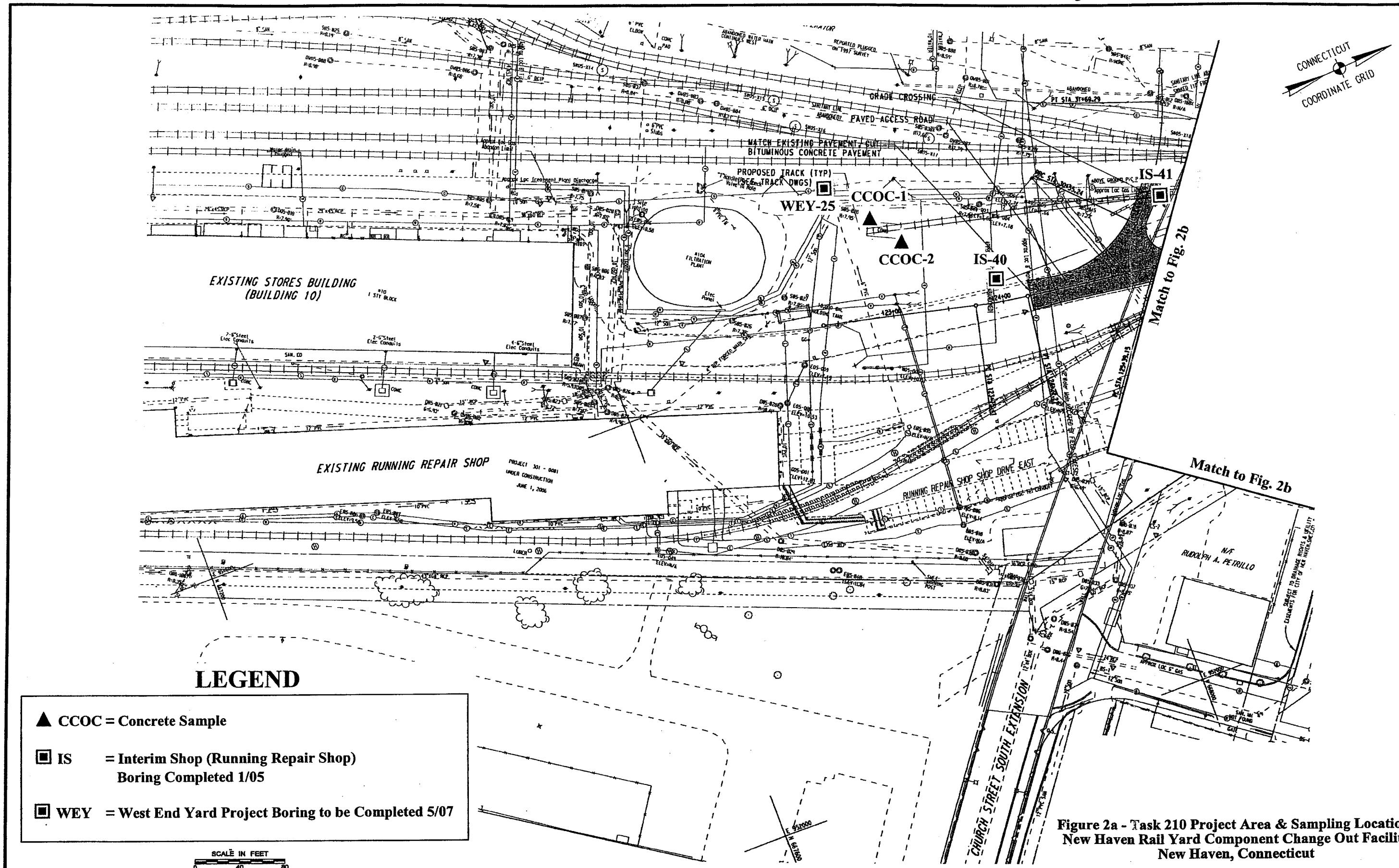
2.0 SITE DESCRIPTION

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

FIGURE 1 - Site Location Plan

New Haven Rail Yard Component Change Out Facility

New Haven, Connecticut



LEGEND

- ▲ CCOC = Concrete Sample
- ▣ IS = Interim Shop (Running Repair Shop) Boring Completed 1/05
- ▣ WEY = West End Yard Project Boring to be Completed 5/07

Figure 2a - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

LEGEND

- ◉ CCO = Geoprobe Boring
- ▲ CCOC = Concrete Sample
- X CCOB = Ballast Sample
- ▩ CCOT = Railroad Tie Sample
- ▣ M8F = M-8 Facility Boring Completed 3/07
- ▣ WEY = West End Yard Project Boring to be Completed 5/07

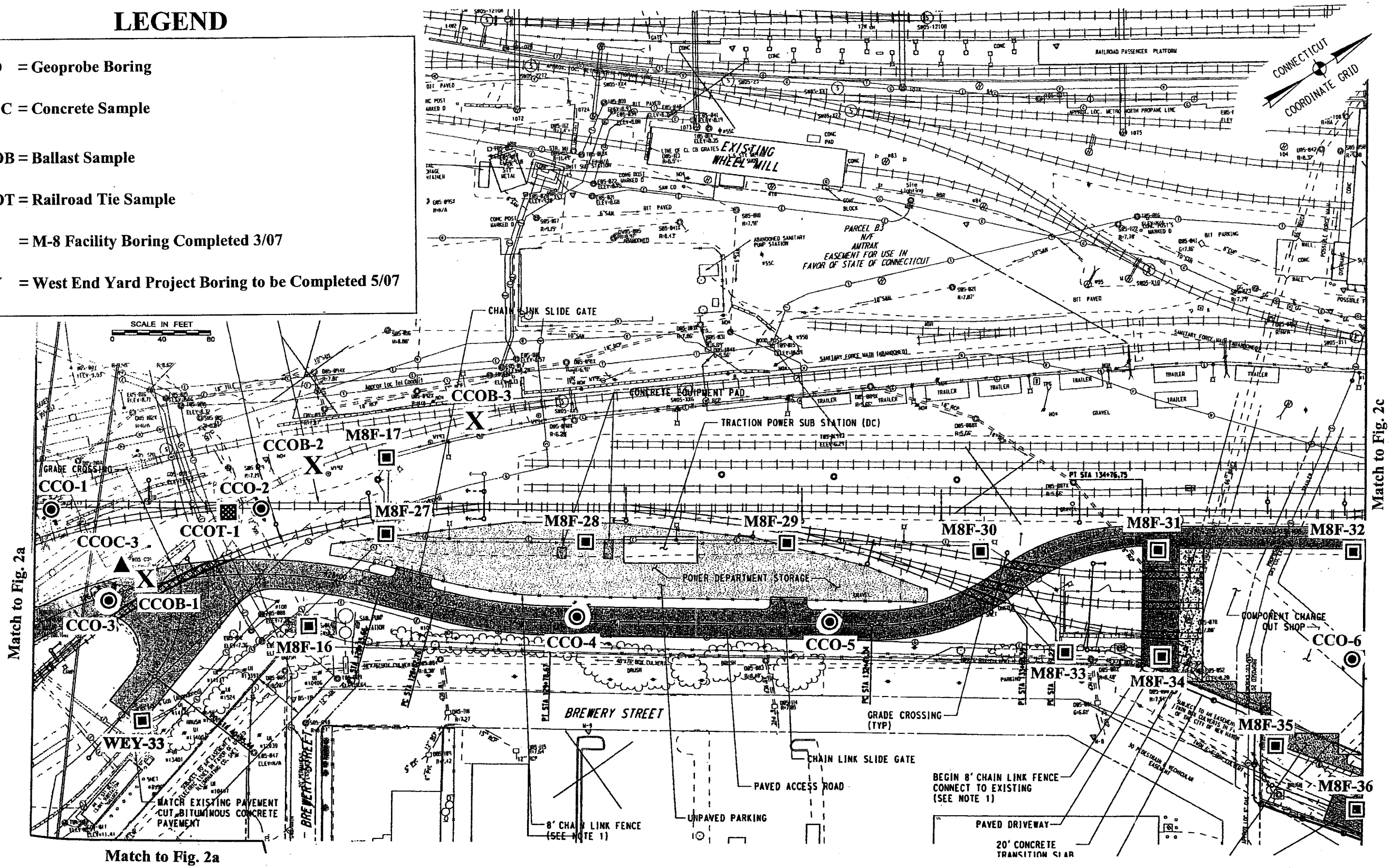


Figure 2b - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

LEGEND

- ◉ CCO = Geoprobe Boring
- ▲ CCOC = Concrete Sample
- X CCOB = Ballast Sample
- ▩ CCOT = Railroad Tie Sample
- ▣ M8F = M-8 Facility Boring Completed 3/07
- ▣ WEY = West End Yard Project Boring to be Completed 5/07

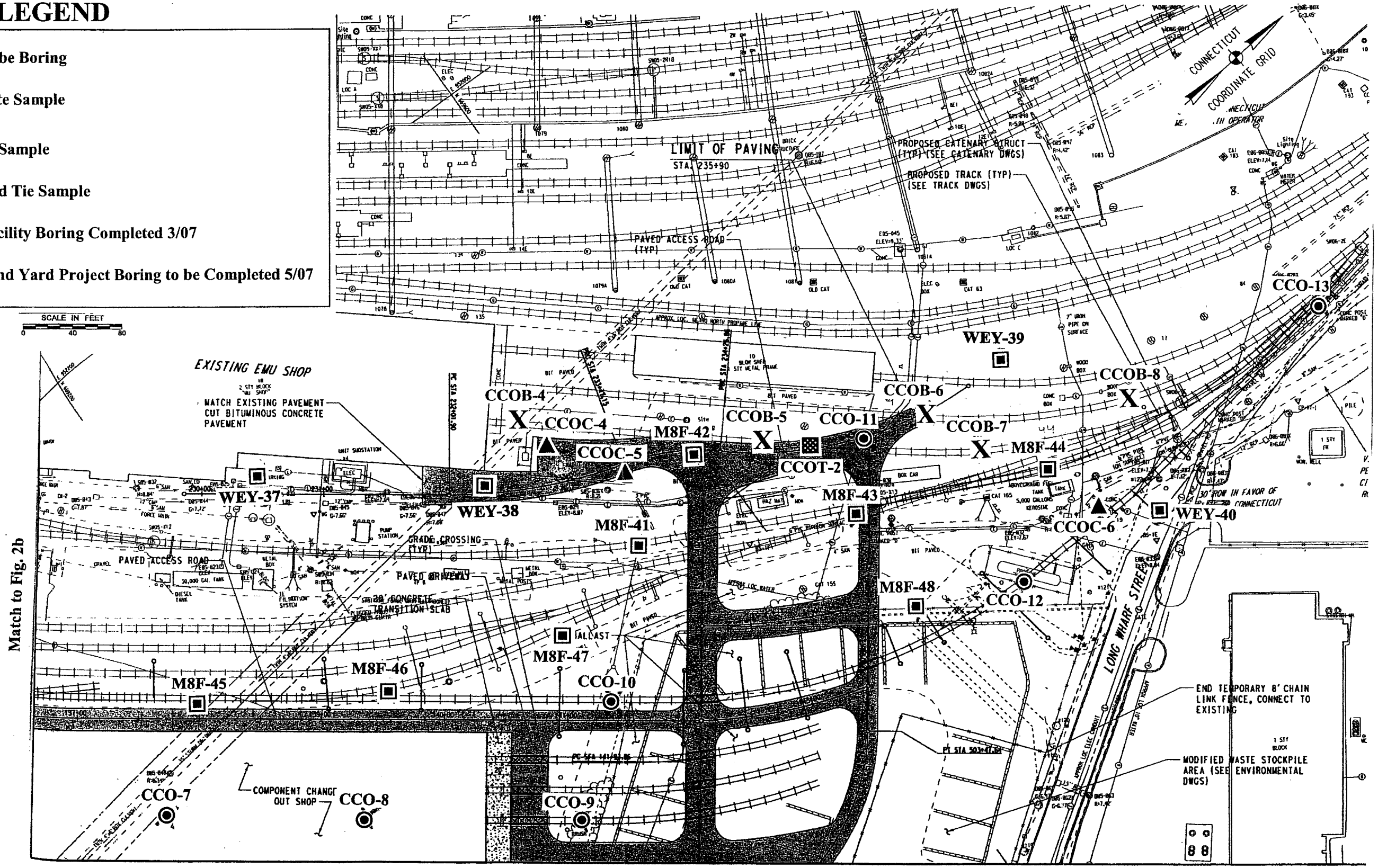
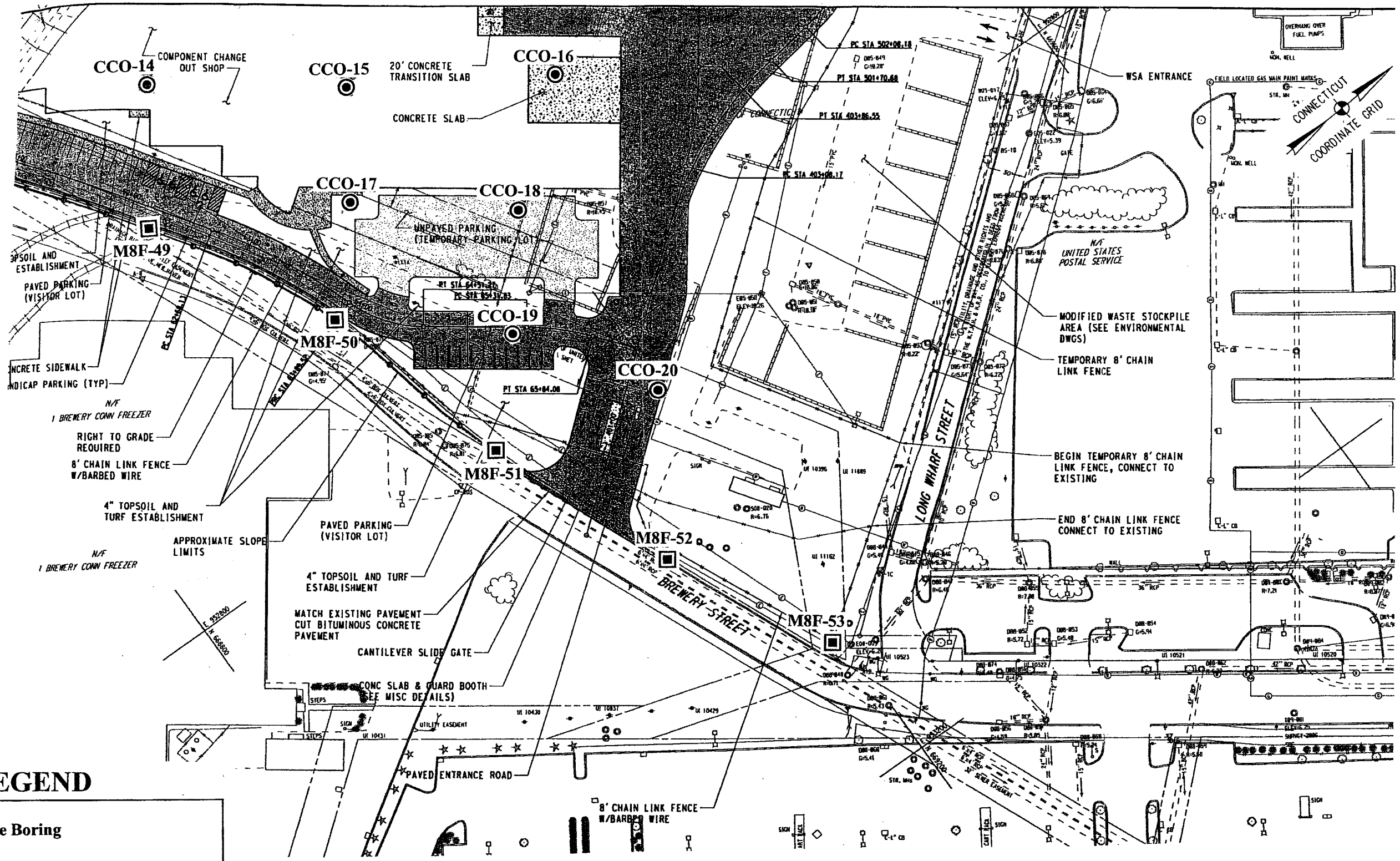


Figure 2c - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Match to Fig. 2c



LEGEND

- ◉ CCO = Geoprobe Boring
- ▣ M8F = M-8 Facility Boring Completed 3/07

SCALE IN FEET
0 40 80

Figure 2d - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

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

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater

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

3.2 Surface Water

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

3.3 Geology

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

4.0 SUBSURFACE INVESTIGATION

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

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On May 23, 24, and 25, 2007, twenty (20) Geoprobe® soil borings (CCO-1 to CCO-20) were advanced in areas of anticipated construction activities for the Component Change Out Facility. The Geoprobe® borings were advanced by Logical Environmental Solutions, under the direction of MGI. The locations of the Geoprobe® soil borings are depicted on Figures 2a to 2d - Task 210 Project Area & Sampling Locations.

The Geoprobe® soil borings were advanced to a depth of 8 feet below grade. Continuous soil samples were collected utilizing a 4-foot long, 2-inch diameter Macro Core Sampler with dedicated acetate liners. The soil samples were visually inspected in the field for staining, and described as to physical characteristics and soil type. In addition, the soil samples were screened in the field for total volatile organic compounds utilizing a Photovac photoionization detector (PID). Soil boring logs were generated in the field by Maguire field personnel. The boring logs denote the types of soil encountered, the depth to groundwater and/or bedrock, the total depth reached in each boring, and the highest observed PID reading. Copies of the boring logs are included at the end of this report in Appendix A.

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

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

4.2 Ballast Grab Sample Collection & Analyses

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

4.3 Concrete Sample Collection & Analyses

Six (6) concrete samples were collected from selected areas where existing concrete structures will be removed. The concrete samples were collected using a rotary hammer drill that pulverized the concrete into powder form. The concrete samples were collected from the surface of the concrete to approximately six-inches (0.5 feet) deep into the concrete. The concrete samples were placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses for each concrete sample included VOCs (EPA Method 8260), SVOCs (EPA Method 8270), petroleum hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total and SPLP RCRA 8 metals. The locations of the concrete sample points (CCOC-1 to CCOC-6) are depicted on Figures 2a to 2c – Task 210 Project Area & Sampling Locations.

4.4 Railroad Tie Grab Sample Collection & Analyses

Two (2) composite railroad tie wood grab samples were collected at selected locations where existing tracks will be removed so that specifications regarding handling and disposal of the material can be provided. The railroad tie wood grab samples were placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The analyses for each wood sample included VOCs (EPA Method 8260), SVOCs (EPA Method 8270), petroleum

hydrocarbons (Connecticut ETPH), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total and TCLP RCRA 8 metals. The locations of the railroad tie sample points (CCOT-1 and CCOT-2) are depicted on Figures 2b and 2c – Task 210 Project Area & Sampling Locations.

4.5 Groundwater Grab Sample Collection & Analyses

Groundwater grab samples were collected from borings CCO-1, CCO-14, and CCO-15. The groundwater grab samples were collected by inserting one-half inch diameter, schedule 40, 10-slot, PVC well screen and riser casing into the borehole. The 5-foot section of well screen was temporarily installed approximately 4 feet into the observed water table depth. Dedicated polyethylene tubing was placed into the temporary well and the groundwater sample was drawn through the tubing using a low-flow peristaltic pump.

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

4.6 Project Quality Assurance/Quality Control Practices

To assess the collection of samples in the field in terms of the sampling techniques and decontamination procedures followed, quality control and quality assurance samples were collected. Two (2) trip blank samples (TB-1 and TB-2) were prepared by Spectrum Analytical Laboratory and one (1) field blank sample (FB-1) was collected in the field.

The trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory for analysis of VOCs. The field blank water sample was collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The field blank sample was stored with the daily samples in the cooler until delivery to the laboratory, and was analyzed for the same parameters as the daily samples.

All samples collected in the field were stored in a manner that preserved the integrity of the sample chemistry. Samples intended for organic analyses were stored in an ice-filled cooler until delivery to the laboratory. Chain-of-Custody (COC) forms were filled out and accompanied all samples collected as a legal record of possession of the sample. The COC was initiated in the field and accompanied the containers during sample collection, transportation to the lab, analysis, and final disposal of the sample. All sampling equipment was either dedicated to a specific sample or was decontaminated prior to and between each use. Sampling equipment was not placed near solvents, gasoline, or materials that may impact the integrity of the samples.

5.0 DISCUSSION OF SAMPLE RESULTS

5.1 Regulatory Criteria

The CTDEP adopted Remediation Standard Regulations (Regulations of Connecticut State Agencies, Section 22a-133k-1 to 3 and 22a-133q-1) as of January 31, 1996. The Remediation Standard Regulations (RSRs) apply to any site undergoing voluntary remediation under Public Acts 95-183 or 95-190, a transfer of an "establishment" under Public Act 95-183, or any site as ordered by the CTDEP Commissioner. The Regulations also outline the processes for establishing alternative site-specific numerical standards for certain sites, upon approval by the CTDEP.

The RSRs criteria applicable to the soil and groundwater sampled during this investigation are summarized below. The application of these RSRs to the results of the laboratory analyses from this investigation is discussed in subsections 5.2, 5.3, 5.4, 5.5, and 5.6 of this section.

Soils Criteria: The RSRs are organized into two sets of criteria: the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC). The DEC and PMC are briefly explained in the following sub-sections, in relation to how they would be applicable to the types of analyses conducted on the soil samples collected for this investigation. Please refer to the RSRs for a complete explanation of the Regulations.

Direct Exposure Criteria

The purpose of the DEC is to protect human health from risks associated with the direct contact with or ingestion of various common soil contaminants. The DEC are applicable to soil within approximately 15 feet of the ground surface. Concentrations of contaminants are evaluated based upon mass-based analyses and different criteria are established for residential and commercial/industrial properties. The use of the less stringent commercial/industrial standards requires the placement of a land use restriction on the property.

The DEC are not applicable to inaccessible soils, including soil more than 4 feet below the ground surface, 2 feet below pavement greater than 3 inches thick, or below an existing building, provided that an Environmental Land Use Restriction (ELUR) is placed in effect for the property.

Pollutant Mobility Criteria

The purpose of the PMC is to evaluate the potential for contaminants to leach from the soil in concentrations that may degrade groundwater quality. Different numerical criteria are established for GA and GAA groundwater areas, versus GB groundwater areas. Since the project area is situated within a GB groundwater area, the least stringent criteria apply.

Groundwater Criteria: Contaminants in the groundwater are compared either to background quality or the Groundwater Protection Criteria (GPC), the Volatilization Criteria, as well as the Surface Water Protection Criteria (SWPC). The GPC, Volatilization Criteria, and SWPC are briefly explained in the following sub-sections, in relation to how they would be applicable to the types of analyses conducted on the groundwater samples collected for this investigation.

Groundwater Protection Criteria

The purpose of the GPC is to protect the groundwater quality in areas that have the potential to use groundwater as a drinking water resource (GA & GAA groundwater classification areas). Since the project area is situated in a GB groundwater area, the GPC do not apply to this Site.

Volatilization Criteria

The purpose of the Volatilization Criteria standard is to ensure that volatile organic compounds (VOCs) in groundwater do not pose an unacceptable risk to human health due to the inhalation of VOCs that may enter into a structure on the property. The Volatilization Criteria only apply when impacted groundwater is located within 15 feet of the ground surface or any structure. Different criteria exist for residential and commercial/industrial properties. The use of the less stringent commercial/industrial standards requires the placement of an ELUR on the property. Since groundwater was within 15 feet of the ground surface, the Volatilization Criteria apply to this Site.

Surface Water Protection Criteria

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

5.2 Results of Geoprobe® Boring Soil Sample Analyses

Soil samples collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the soil samples are presented in Tables 1(a) to 1(e), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the soil samples.

Petroleum hydrocarbons were detected in the soil samples at concentrations ranging from Below Reporting Limits (BRL) to 3,980 parts per million (ppm). The following six (6) soil samples contained TPH at concentrations that exceed the CTDEP Residential DEC of 500 ppm: CCO-6, 2' to 4' (592 ppm); CCO-8, 2' to 4' (629 ppm); CCO-9, 2' to 4' (819 ppm); CCO-10, 2' to 4' (779 ppm); CCO-19, 2' to 4' (3,980 ppm); and CCO-20, 4' to 8' (888 ppm). The petroleum hydrocarbon concentration detected in the CCO-19, 2' to 4' sample also exceeds the Commercial/Industrial DEC of 2,500 ppm. No other sample contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

The VOCs acetone, benzene, ethylbenzene, naphthalene, n-propylbenzene, styrene, toluene, 1,2,4-trichloroethene, and total xylenes were detected at varying concentrations in the soil samples collected from borings CCO-2, CCO-3, CCO-4, CCO-6, CCO-7, CCO-9, CCO-10, CCO-12, CCO-15, CCO-17, CCO-19, and CCO-20. Benzene was detected in the 2 to 4 foot samples collected from borings CCO-6 (1.42 ppm) and CCO-19 (0.33 ppm) at concentrations that exceed its GB PMC of 0.2 ppm. No other soil sample contained VOCs at concentrations that exceed any applicable CTDEP RSR criteria.

Various concentrations of SVOCs were detected in the soil samples, and total SVOC concentrations ranged from BRL to 395.33 ppm. Five (5) soil samples contained concentrations of SVOCs that exceed applicable CTDEP RSR Criteria. The 2 to 4 foot sample from boring CCO-3 contained the compounds benzo(a)anthracene (1.11 ppm), benzo(a)pyrene (1.13 ppm), benzo(b)fluoranthene (1.24 ppm), and chrysene (1.31 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 2 to 4 foot sample from boring CCO-10 contained the compounds benzo(a)anthracene (3.05 ppm), benzo(a)pyrene (4.34 ppm), benzo(b)fluoranthene (5.05 ppm), benzo(k)fluoranthene (4.25 ppm), and chrysene (4.77 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

The 2 to 4 foot sample from boring CCO-16 contained the compounds benzo(b)fluoranthene (1.02 ppm) and chrysene (1.08 ppm) at concentrations that exceed their respective GB PMC. In addition, the compound benzo(b)fluoranthene was detected at a concentration that exceeds its Residential DEC.

The 2 to 4 foot sample from boring CCO-19 contained the compounds benzo(a)anthracene (25.8 ppm), benzo(a)pyrene (48.7 ppm), benzo(b)fluoranthene (25.2 ppm), benzo(k)fluoranthene (19.3 ppm), chrysene (37.4 ppm), dibenz(a,h)anthracene (4.28 ppm), indeno(1,2,3-cd)pyrene (14.9 ppm), and pyrene (104.0 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations that also exceeds their respective Commercial/Industrial DEC.

The 4 to 8 foot sample from boring CCO-20 contained the compounds benzo(a)anthracene (6.69 ppm), benzo(a)pyrene (8.85 ppm), benzo(b)fluoranthene (6.86 ppm), benzo(k)fluoranthene (4.39 ppm), chrysene (9.77 ppm), and indeno(1,2,3-cd)pyrene (3.64 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations that exceed their respective Residential DEC. The compound benzo(a)pyrene was detected at a concentration that also exceeds its Commercial/Industrial DEC.

None of the soil samples contained detectable concentrations of pesticides. PCBs (total) were detected at varying concentrations ranging from 0.011 ppm to 0.405 ppm in the soil samples collected from borings CCO-4, CCO-10, CCO-12, CCO-15, CCO-16, and CCO-20. However, none of the soil samples contained PCBs at concentrations that exceed any applicable CTDEP RSR criteria.

Total concentrations of the metals arsenic, barium, cadmium, chromium, lead, and mercury were detected at varying concentrations in the soil samples throughout the site. The following six (6) soil samples contained total arsenic at concentrations that exceed the CTDEP Residential and Commercial/Industrial DEC of 10 ppm: CCO-10, 2' to 4' (16.2 ppm); CCO-13, 2' to 4' (14.9 ppm); CCO-15, 2' to 4' (12.0 ppm); CCO-16, 2' to 4' (14.1 ppm); CCO-18, 2' to 4' (12.2 ppm); and CCO-20, 4' to 8' (14.1 ppm). The following five (5) soil samples contained total

lead at concentrations that exceed the CTDEP Residential DEC of 500 ppm: CCO-1, 2' to 4' (670 ppm); CCO-3, 2' to 4' (1,130 ppm); CCO-12, 2' to 4' (603 ppm); CCO-19, 2' to 4' (634 ppm); and CCO-20, 4' to 8' (1,790 ppm). The concentration of total lead detected in the CCO-3 and CCO-20 soil samples also exceed the Commercial/Industrial DEC of 1,000 ppm. No other sample contained total metals at concentrations that exceed any applicable CTDEP RSR criteria.

Leachable concentrations (via SPLP) of arsenic, barium, chromium, lead, and mercury were detected at varying concentrations in the soil samples. Leachable lead was detected at an elevated concentration in the CCO-13, 2' to 4' soil sample (0.701 ppm), which exceeds its GB PMC of 0.15 ppm. No other soil sample contained leachable metals at concentrations that exceed any applicable CTDEP RSR criteria.

5.3 Results of Ballast Grab Sample Analyses

The eight ballast grab samples (CCOB-1 through CCOB-8) collected during this Task 210 investigation were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the ballast grab samples are presented in Tables 2(a) and 2 (b), which are located at the end of this report, and copies of the ballast grab sample analytical results are included in Appendix D. The following summarizes the results of the analyses conducted on the ballast grab samples. For the purpose of comparison, the results of the ballast grab sample analyses were compared to the CTDEP RSR soil criteria.

SVOCs, pesticides, PCBs, and leachable metals (via SPLP) were not detected in the ballast grab samples. The ballast samples contained petroleum hydrocarbons at concentrations ranging from BRL to 39.7 ppm. However, none of the ballast samples contained petroleum hydrocarbons at concentrations that exceed any CTDEP RSR criteria.

The VOCs acetone, 2-butanone, and naphthalene were detected at varying low concentrations in the CCOB-1, CCOB-3, CCOB-5, CCOB-6, CCOB-7, and CCOB-8 ballast samples. Spectrum Analytical Laboratory acknowledged that acetone and 2-butanone are commonly seen when using the sample extraction technique. In addition, acetone and 2-butanone were detected in the laboratory trip blank sample (TB-1). None of the VOCs detected in the ballast samples exceed any CTDEP RSR criteria.

Total concentrations of the metals arsenic, barium, cadmium, chromium, and lead were detected at varying concentrations in the ballast grab samples. However, the samples did not contain total metals at concentrations that exceed any CTDEP RSR criteria.

5.4 Results of Concrete Sample Analyses

The six concrete samples (CCOC-1 through CCOC-6) collected during this Task 210 investigation were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the concrete samples are presented in Tables 3(a) to 3(c), which are located at the end of this report, and copies of the concrete sample analytical results are included in Appendix E. The following summarizes the results of the analyses conducted on the concrete samples. For the purpose of comparison, the results of the concrete sample analyses were compared to the CTDEP RSR soil criteria.

The concrete samples contained petroleum hydrocarbons at concentrations ranging from BRL to 202 ppm. However, none of the concrete samples contained petroleum hydrocarbons at concentrations that exceed any CTDEP RSR criteria.

The CCOC-2 and CCOC-3 concrete samples contained the VOC naphthalene at low concentrations of 0.267 ppm and 0.0057 ppm, respectively, which do not exceed the CTDEP RSR criteria.

The concrete samples did not contain detectable concentrations of SVOCs and pesticides. PCBs were detected in the CCOC-4 (0.0209 ppm) and CCOC-6 (0.0163 ppm) samples at low concentrations that do not exceed any CTDEP RSR criteria.

Total and leachable concentrations of the metals arsenic, barium, cadmium, chromium, and lead were detected at varying concentrations in the concrete samples. However, the samples did not contain total or leachable metals at concentrations that exceed any CTDEP RSR criteria.

5.5 Results of Railroad Tie Grab Sample Analyses

The two railroad tie grab samples (CCOT-1 and CCOT-2) collected during this Task 210 investigation were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the railroad tie grab samples are presented in Table 4, which is located at the end of this report, and copies of the railroad tie grab sample analytical results are included in Appendix F. The following summarizes the results of the analyses conducted on the railroad tie grab samples. For the purpose of comparison, the results of the railroad tie grab sample analyses were compared to the CTDEP RSR soil criteria.

Petroleum hydrocarbons were detected in the CCOT-1 (150,000 ppm) and CCOT-2 (120,000 ppm) samples at concentrations that exceed the GB PMC and Residential DEC of 500 ppm, and the Commercial/Industrial DEC of 2,500 ppm. Both of the railroad tie samples contained the VOC naphthalene at elevated concentrations of 3,550 ppm (CCOT-1) and 1,930 ppm (CCOT-2), which exceed the GB PMC of 56 ppm and Residential DEC of 1,000 ppm. In addition, the concentration of naphthalene detected in the CCOT-2 sample also exceeds the Commercial/Industrial DEC of 2,500 ppm.

The railroad tie samples contained several SVOCs at varying elevated concentrations. The CCOT-1 sample contained the SVOCs acenaphthene (5,530 ppm), anthracene (5,170 ppm), dibenzofuran (3,420 ppm), fluoranthene (9,190 ppm), fluorene (5,050 ppm), naphthalene (3,510 ppm), phenanthrene (14,300 ppm), and pyrene (6,870 ppm) at concentrations that exceed their respective GB PMC, Residential DEC, and Commercial/Industrial DEC.

The CCOT-2 sample contained the SVOCs acenaphthene (8,490 ppm), anthracene (7,750 ppm), chrysene (1,980 ppm), dibenzofuran (5,160 ppm), fluoranthene (12,900 ppm), fluorene (6,750 ppm), naphthalene (3,510 ppm), phenanthrene (21,100 ppm), and pyrene (9,560 ppm) at concentrations that exceed their respective GB PMC, Residential DEC, and Commercial/Industrial DEC.

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

5.6 Results of Groundwater Grab Sample Analyses

The three (3) groundwater grab samples (CCO-1 GW, CCO-13 GW, and CCO-15 GW) collected from the project area during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. Summaries of the laboratory results from the groundwater grab samples are presented in Tables 5(a) and 5(b), which are located at the end of this report, and copies of the groundwater analytical results are included in Appendix G. The following summarizes the results of the groundwater grab sample analyses.

The groundwater samples did not contain detectable concentrations of pesticides, and PCBs. The CCO-1 GW sample contained petroleum hydrocarbons at a concentration of 2.4 ppm, which does not exceed any applicable CTDEP criteria. No other groundwater sample contained detectable concentrations of petroleum hydrocarbons.

The VOCs benzene, 1,1-dichloroethane, cis-1,2-dichloroethene, naphthalene, and vinyl chloride were detected in the CCO-1 and CCO-15 groundwater samples. The CCO-1 GW sample contained vinyl chloride (2.1 parts per billion [ppb]) which exceeds the Residential and Commercial/Industrial DEC of 2 ppb.

The CCO-1 GW sample contained the SVOCs phenanthrene (0.321 ppb) and pyrene (0.231 ppb). The concentration of phenanthrene detected in the sample exceeds its SWPC of 0.3 ppb.

The groundwater samples contained total arsenic, barium, chromium, lead, and mercury at varying concentrations. The CCO-1 GW sample contained total arsenic (0.0244 ppm), total lead (2.43 ppm), and total mercury (0.0182 ppm) at concentrations that exceed their respective SWPC of 0.004 ppm, 0.013 ppm, and 0.0004 ppm. The CCO-13 GW sample contained total arsenic (0.0047 ppm) at a concentration that exceeds its SWPC of 0.0004 ppm. The CCO-15 GW sample contained total arsenic (0.0083 ppm) and total lead (0.105 ppm) at concentrations that exceed their respective SWPC of 0.004 ppm and 0.013 ppm. No other metals were detected at concentrations that exceed any applicable CTDEP RSR criteria.

5.7 Quality Assurance/Quality Control Samples

The field blank sample (FB-1) did not contain detectable concentrations of contaminants. The TB-1 trip blank sample contained the VOCs acetone (22 ppb), 2-butanone (12.6 ppb), methyl tert-butyl ether (1.8 ppb), toluene (4.7 ppb), and total xylenes (3 ppb). The presence of these VOCs in the trip blank sample is likely due to laboratory contamination. In addition, acetone and 2-butanone were detected in several ballast grab samples submitted with this trip blank sample and the laboratory acknowledged that the presence of the VOCs in the ballast samples was a common occurrence due to the extraction technique utilized. The TB-2 trip blank sample did not contain VOCs at concentrations that exceed any laboratory detection limits. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix H.

6.0 DISCUSSION OF AFFECTED RESOURCES

6.1 Soil Areas of Environmental Concern

Based upon the results of laboratory analyses performed on the soil samples for this Task 210 investigation, as well as the analytical results of soil samples collected from within the project area from MGI's previous Task 210 investigations for the Interim Shop (Running Repair Shop), West End Yard Project, and Temporary M-8 Acceptance Facility, four (4) soil areas of environmental concern (AOECs) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, the remainder of the project site has been designated as a low-level area of environmental concern (LLAOEC) for soil. In these areas contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs within the project area are discussed in the following sections. Tables summarizing the analytical results from soil samples collected during MGI's February 2005 Task 210 for the Interim Shop (Running Repair Shop), May 2007 West End Yard Project, February 2007 Temporary M-8 Acceptance Facility, are included in Appendix B of this report. In addition, the locations of the former borings denoted as IS-#, WEY-#, and M8F-# are depicted on Figures 2a through 2d – Task 210 Project Area & Sampling Locations.

AOEC #1: Area Encompassing Borings WEY-25, IS-41, CCO-1, CCO-3, & WEY-33:

Analytical results from the soil samples collected from borings WEY-25, IS-41, CCO-1, CCO-3, and WEY-33 indicate the presence of petroleum hydrocarbon, tetrachloroethene, SVOC, total arsenic, and total lead contamination at slightly elevated concentrations in shallow soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Area Encompassing Borings M8F-17 & M8F-28:

Analytical results from the soil samples collected from borings M8F-17 and M8F-28 indicate the presence of petroleum hydrocarbon and SVOC contamination at elevated concentrations in shallow soil ranging from 2 to 6 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #3: Area Encompassing Borings M8F-31, M8F-32, M8F-35, M8F-36, CCO-6, CCO-8, CCO-9, CCO-10, CCO-12, M8F-41, M8F-42, M8F-45, M8F-46, M8F-47, WEY-37, WEY-38, CCO-15, CCO-16, CCO-18, CCO-19 & CCO-20:

Analytical results from the soil samples collected from borings M8F-31, M8F-35, M8F-36, CCO-6, CCO-8, CCO-9, CCO-10, CCO-12, M8F-41, M8F-42, M8F-45, M8F-46, M8F-47, WEY-37, WEY-38, CCO-15, CCO-16, CCO-18, CCO-19 & CCO-20 indicate the presence of total arsenic, total lead, petroleum hydrocarbon, benzene, SVOC, and pesticide (dieldrin) contamination at elevated concentrations in shallow soil ranging from 2 to 6 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC. This AOEC also encompasses boring M8F-32, although contaminants at this location were detected at concentrations slightly below CTDEP RSR criteria.

AOEC #4: Area Encompassing Borings WEY-39 & CCO-13:

Analytical results from the soil samples collected from borings WEY-39 & CCO-13 indicate the presence of total arsenic and leachable lead contamination at elevated concentrations in shallow soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

6. 2 Railroad Tie Area of Environmental Concern

Analytical results from the railroad tie grab samples CCOT-1 and CCOT-2 indicate the presence of petroleum hydrocarbons, VOC (naphthalene), and SVOCs at elevated concentrations that exceed the GB PMC, Residential DEC, and Commercial/Industrial DEC. The concentrations however, do not exceed the RCRA hazardous waste toxicity concentrations. All areas where railroad ties will be removed from the project site have been designated as a Railroad Tie Area of Environmental Concern (RTAOEC).

6. 3 Groundwater Area of Environmental Concern

Analytical results from the groundwater samples collected from borings CCO-1, CCO-13, CCO-15, M8F-42, and M8F-50 indicate the presence of VOCs, SVOCs, total arsenic, total mercury, and total lead at concentrations that exceed the SWPC. In addition, the CCO-1 groundwater sample contained petroleum hydrocarbons at a concentration that does not exceed any applicable CTDEP criteria, but may impact allowable discharge permit limits. Therefore, the entire project area has been designated as a Groundwater Area of Environmental Concern (GWAOEC).

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the New Haven Rail Yard Component Change Out Facility project in New Haven, Connecticut indicate the presence of petroleum hydrocarbon, VOC, SVOC, total arsenic, total lead, and leachable lead contamination in shallow soil samples collected from the project area, at concentrations that exceed the applicable RSR criteria. Soil samples collected from within the project area in 2005 and 2007 by MGI during the Interim Shop (Running Repair Shop), West End Yard, and Temporary M-8 Acceptance Facility Task 210 projects indicated similar results. The contamination was detected in soils ranging in depth from 2 to 8 feet below grade.

The concrete that will be removed during this project is contaminated at low levels where contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. It is anticipated that the concrete can be managed and disposed of as bulky waste in accordance with applicable regulations. The ballast within the project area is not considered contaminated and is suitable for re-use on the site.

Railroad tie samples collected from areas where the railroad tracks will be removed indicate the presence of petroleum hydrocarbons, VOCs, and SVOCs at concentrations that exceed the CTDEP RSR criteria, but not the RCRA hazardous waste toxicity concentrations. Groundwater collected from the site is also contaminated with VOCs, SVOCs and total metals at concentrations that exceed applicable RSR criteria. In addition, concentrations of petroleum hydrocarbons were detected in the groundwater collected from within the project area, which may impact discharge permit requirements. Four (4) Areas of Environmental Concern (AOECs) for soil, a site-wide Railroad Tie Area of Environmental Concern (RTAOEC), and a site-wide Groundwater Area of Environmental Concern (GWAOEC) have been identified within the project area. In addition, the remainder of the project site has been designated a Low Level Area of Environmental Concern (LLAOEC) for soil. Special considerations for treatment/disposal, dewatering activities, and worker health and safety must be given to these areas in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are therefore recommended for the areas of construction within the Areas of Environmental Concern and Low-Level Areas of Environmental Concern addressing the soil, railroad tie and groundwater contamination described in Section 6.0.

8.0 LIMITATIONS

All work product and reports provided by Maguire Group Inc. (MGI) in connection with the performance of this Task 210 - Subsurface Site Investigation are subject to the following limitations:

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services provided to ConnDOT.

2. In preparing this report, MGI has relied on certain information provided by State and local officials and information and representations made by other parties referenced therein, and on information contained in the files of State and/or local agencies made available to MGI at the time of this investigation. To the extent that such files are missing, incomplete or not provided to MGI, MGI is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, MGI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this investigation.

3. The conclusions and recommendations contained in this report are based in part upon the data from subsurface explorations. The nature and extent of variations between these explorations may not become evident until further explorations are completed. If variations or other latent conditions become evident, it will be necessary to re-evaluate the conclusions and recommendations of this report.

4. The water level readings made for this investigation were made at the times and conditions stated on the boring logs. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, passage of time and other factors.

Should additional data become available in the future, these data should be reviewed by MGI, and the conclusions and recommendations presented herein modified accordingly.

5. Where quantitative laboratory analyses have been conducted by an outside certified laboratory, MGI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

6. If the conclusions and recommendations contained in this report are based, in part, upon various types of chemical data then the conclusions and recommendations are contingent upon the validity of such data. These data have been reviewed and interpretations made in the report. It should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by MGI and the conclusions and recommendations presented herein modified accordingly.

7. Chemical analyses were performed for specific parameters during the course of this investigation, as described in the text. However, it should be noted that testing for all known chemical constituents was not performed. The conclusions and recommendations contained in this report are based only upon the chemical constituents for which testing was accomplished.

The following qualifications apply to the undersigned's opinion:

The activities described and opinions included herein are based on information gathered during this subsurface site investigation, which was limited in scope in adherence to the terms of our agreement. The professional opinion provided herein is based on the information described in this report.

The information contained herein was prepared for the use of ConnDOT solely in conjunction with the task descriptions for this assignment. The conclusions and recommendations set forth in this report are based on site conditions at the time of the investigation. Future studies and findings could change the contents of this report. The professional opinions presented in this report have been developed by using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental engineering consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions included in this report.

Prepared by:	Approved by:	Reviewed by:
Cindy Knight Logical Env. Solutions	David R. Stock, P.E. Program Manager	Jane Witherell, P.E., L.E.P. Principal Engineer

TABLES

TABLE 1(a) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Boring I.D.:	CCO-1	CCO-2	CCO-3	CCO-4	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	129	78.0	114	215	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	BRL	BRL	0.0655*	140 ppm	500/1,000 ppm
Naphthalene	BRL	0.42	0.32	BRL	56 ppm	1,000/2,500 ppm
n-Propylbenzene	BRL	0.106	0.0753	BRL	14 ppm	500/1,000 ppm
Toluene	BRL	0.16	0.138	BRL	67 ppm	500/1,000 ppm
1,2,4-Trimethylbenzene	BRL	0.107	0.0808	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	0.2673	0.271	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Anthracene	BRL	BRL	0.978	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	***1.11***	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	0.662	BRL	***1.13***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	1.0	BRL	***1.24***	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	0.748	BRL	0.905	BRL	1 ppm	8.4/78 ppm
Chrysene	0.828	BRL	***1.31***	BRL	**1 ppm**	84/780 ppm
Fluoranthene	0.816	BRL	3.12	BRL	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	2.03	BRL	56 ppm	1,000/2,500 ppm
Pyrene	0.774	BRL	2.5	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	4.828	BRL	14.323	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	0.011	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	8.97	3.03	7.9	BRL		10/10 ppm
Barium	107	38.0	71.5	15.9		4,700/140,000 ppm
Cadmium	0.645	1.57	0.865	BRL		34/1,000 ppm
Chromium	8.8	4.18	5.5	5.08		100/100 ppm
Lead	***670***	332	***1,130***	11.7		**500/1,000 ppm**
Mercury	6.64	10.1	4.59	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	0.0132	BRL	10.0 ppm	
Lead	0.0624	0.0467	0.0528	BRL	0.15 ppm	
Mercury	0.0003	0.00037	0.00027	BRL	0.02 ppm	

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

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

TABLE 1(b) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Boring I.D.:	CCO-5	CCO-6	CCO-7	CCO-8	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-8'	2'-4'	4'-8'	2'-4'		
CT ETPH - (ppm)	BRL	***592***	101	***629***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	BRL	***1.42***	0.135	BRL	**0.2 ppm**	21/200 ppm
Ethylbenzene	BRL	0.0669	BRL	BRL	10.1 ppm	500/1,000 ppm
Naphthalene	BRL	0.276	0.308	BRL	56 ppm	1,000/2,500 ppm
Toluene	BRL	1.52	BRL	BRL	67 ppm	500/1,000 ppm
Xylenes (total)	BRL	0.3741	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	7.81	3.61	6.13	1.92		10/10 ppm
Barium	BRL	19.1	40.6	42.7		4,700/140,000 ppm
Chromium	3.17	2.35	2.68	3.0		100/100 ppm
Lead	BRL	69.8	93.1	19.1		500/1,000 ppm
Mercury	BRL	0.204	0.218	0.0869		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Lead	BRL	0.02	0.0215	BRL	0.15 ppm	

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

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

TABLE 1(c) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Boring I.D.: / Sample Depth:	CCO-9 2'-4'	CCO-10 2'-4'	CCO-11 4'-8'	CCO-12 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***819***	***779***	BRL	86.7	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	0.0606*	BRL	BRL	140 ppm	500/1,000 ppm
Naphthalene	BRL	BRL	BRL	0.0784	56 ppm	1,000/2,500 ppm
Toluene	0.0603	BRL	BRL	0.223	67 ppm	500/1,000 ppm
Xylenes (total)	BRL	BRL	BRL	0.2353	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	***3.05***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	BRL	***4.34***	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***5.05***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	2.32	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	***4.25***	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	***4.77***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	4.41	BRL	0.816	56 ppm	1,000/2,500 ppm
Pyrene	BRL	6.22	BRL	0.768	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	34.41	BRL	1.584		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1260	BRL	BRL	BRL	0.0529	Not Applicable	1/10 ppm
PCB-1262	BRL	0.225	BRL	0.0408	Not Applicable	1/10 ppm
Total PCBs	BRL	0.225	BRL	0.0937	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	***16.2***	1.71	7.41		**10/10 ppm**
Barium	21.0	66.3	11.7	171		4,700/140,000 ppm
Chromium	2.49	15.7	4.79	14.2		100/100 ppm
Lead	16.9	254	3.27	***603***		**500**/1,000 ppm
Mercury	0.0346	BRL	BRL	0.407		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	BRL	0.0441	10.0 ppm	
Lead	BRL	0.024	BRL	0.142	0.15 ppm	
Mercury	BRL	BRL	BRL	0.00036	0.02 ppm	

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

* The production of acetone and other ketones is commonly seen when using the extraction technique of this analysis

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

TABLE 1(d) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Boring I.D.:	CCO-13	CCO-14	CCO-15	CCO-16	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	4'-8'	2'-4'	2'-4'		
CT ETPH - (ppm)	39.2	159	283	232	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	BRL	0.0707	BRL	56 ppm	1,000/2,500 ppm
Toluene	BRL	BRL	0.139	BRL	67 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	BRL	BRL	0.881	1 ppm	1/7.8 ppm
Benzo(a)pyrene	BRL	BRL	BRL	0.98	1 ppm	1/1 ppm
Benzo(b)fluoranthene	BRL	BRL	0.475	***1.02***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	BRL	BRL	BRL	0.941	1 ppm	8.4/78 ppm
Chrysene	BRL	BRL	0.685	***1.08***	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	0.673	2.0	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	BRL	0.92	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	0.847	1.95	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	2.68	9.772		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1260	BRL	BRL	0.228	0.0747	Not Applicable	1/10 ppm
PCB-1262	BRL	BRL	0.177	0.0608	Not Applicable	1/10 ppm
Total PCBs	BRL	BRL	0.405	0.1355	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***14.9***	10.0	***12.0***	***14.1***		**10/10 ppm**
Barium	58.8	52.6	93.9	95.4		4,700/140,000 ppm
Cadmium	BRL	BRL	0.767	0.586		34/1,000 ppm
Chromium	7.13	5.18	16.2	10.0		100/100 ppm
Lead	347	133	270	336		500/1,000 ppm
Mercury	0.296	BRL	BRL	0.523		20/610 ppm
SPLP RCRA 8 Metals – ppm						Not Applicable
Arsenic	0.0275	BRL	BRL	BRL	0.5 ppm	
Barium	0.0868	BRL	BRL	BRL	10.0 ppm	
Chromium	0.0118	BRL	BRL	BRL	0.5 ppm	
Lead	***0.701***	0.0256	0.0581	0.0675	**0.15 ppm**	
Mercury	0.00054	BRL	BRL	BRL	0.02 ppm	

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

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

TABLE 1(e) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Component Change Out Facility - New Haven, Connecticut

Boring I.D.:	CCO-17	CCO-18	CCO-19	CCO-20	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	4'-8'		
CT ETPH - (ppm)	85.0	66.3	***3,980***	***888***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)						
Benzene	BRL	BRL	***0.33***	0.0277	**0.2 ppm**	21/200 ppm
Ethylbenzene	BRL	BRL	0.143	BRL	10.1 ppm	500/1,000 ppm
Naphthalene	BRL	BRL	0.893	0.015	56 ppm	1,000/2,500 ppm
Styrene	BRL	BRL	0.09	BRL	20 ppm	500/1,000 ppm
Toluene	0.0841	BRL	0.612	0.0108	67 ppm	500/1,000 ppm
1,2,4-Trimethylbenzene	BRL	BRL	0.393	0.007	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	BRL	0.753	0.0184	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Acenaphthene	BRL	BRL	4.74	BRL	84 ppm	1,000/2,500 ppm
Acenaphthylene	BRL	BRL	7.06	1.84	84 ppm	1,000/2,500 ppm
Anthracene	BRL	BRL	11.8	2.63	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	***25.8***	***6.69***	**1 ppm**	**1/7.8 ppm**
Benzo(a)pyrene	BRL	BRL	***48.7***	***8.85***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	BRL	***25.2***	***6.86***	**1 ppm**	**1/7.8 ppm**
Benzo(g,h,i)perylene	BRL	BRL	24.6	5.95	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	***19.3***	***4.39***	**1 ppm**	**8.4**/78 ppm
Chrysene	BRL	BRL	***37.4***	***9.77***	**1 ppm**	84/780 ppm
Dibenz(a,h)anthracene	BRL	BRL	***4.28***	BRL	**1 ppm**	**1/1 ppm**
Fluoranthene	BRL	BRL	34.7	10.2	56 ppm	1,000/2,500 ppm
Fluorene	BRL	BRL	8.65	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	***14.9***	***3.64***	**1 ppm**	**1/7.8 ppm**
1-Methylnaphthalene	BRL	BRL	BRL	1.8	No Standard	No Standard
2-Methylnaphthalene	BRL	BRL	BRL	1.57	9.8 ppm	474/2,500 ppm
Naphthalene	BRL	BRL	BRL	3.08	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	24.2	10.4	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	***104.0***	23.6	**40 ppm**	1,000/2,500 ppm
Total SVOCs	BRL	BRL	395.33	101.27		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	0.0271	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	9.43	***12.2***	3.37	***14.1***		**10/10 ppm**
Barium	47.5	66.7	18.6	135		4,700/140,000 ppm
Cadmium	BRL	BRL	BRL	3.53		34/1,000 ppm
Chromium	3.97	4.86	6.5	12.8		100/100 ppm
Lead	18.8	19.4	***634***	***1,790***		**500/1,000 ppm**
Mercury	BRL	BRL	BRL	1.63		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	BRL	0.0469	10.0 ppm	
Lead	BRL	BRL	BRL	0.117	0.15 ppm	
Mercury	BRL	BRL	BRL	0.00035	0.02 ppm	

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

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

TABLE 2(a) - Results of Ballast Grab Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOB-1	CCOB-2	CCOB-3	CCOB-4	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	39.7	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	0.261*	BRL	0.179*	BRL	140 ppm	500/1,000 ppm
2-Butanone (MEK)	0.0691*	BRL	BRL	BRL	80 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Barium	8.38	9.04	10.5	11.7		4,700/140,000 ppm
Cadmium	0.598	BRL	0.508	1.78		34/1,000 ppm
Chromium	2.12	1.47	1.35	2.17		100/100 ppm
Lead	2.76	2.26	2.85	3.59		500/1,000 ppm
SPLP RCRA 8 Metals - ppm	BRL	BRL	BRL	BRL		

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

* The production of acetone and other ketones is commonly seen when using the extraction technique of this analysis

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

TABLE 2(b) - Results of Ballast Grab Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOB-5	CCOB-6	CCOB-7	CCOB-8	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	37.3	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	0.303*	0.168*	0.175*	140 ppm	500/1,000 ppm
2-Butanone (MEK)	BRL	0.0657*	BRL	BRL	80 ppm	500/1,000 ppm
Naphthalene	0.201	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	2.16	2.19	BRL	BRL		4,700/140,000 ppm
Barium	45.0	50.4	25.8	28.6		34/1,000 ppm
Cadmium	1.7	1.97	1.97	2.02		100/100 ppm
Chromium	2.5	2.53	2.64	3.1		500/1,000 ppm
Lead	7.86	8.02	7.07	7.7		
SPLP RCRA 8 Metals - ppm	BRL	BRL	BRL	BRL		

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

* The production of acetone and other ketones is commonly seen when using the extraction technique of this analysis

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

TABLE 3(a) - Results of Concrete Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOC-1	CCOC-2	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)				
Naphthalene	BRL	0.267	140 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	2.03	1.85		10/10 ppm
Barium	58.3	61.7		4,700/140,000 ppm
Chromium	18.0	17.0		100/100 ppm
Lead	4.05	4.6		500/1,000 ppm
SPLP RCRA 8 Metals – ppm	BRL	BRL		

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

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

TABLE 3(b) - Results of Concrete Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOC-3	CCOC-4	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	146	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)				
Naphthalene	0.0057	BRL	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)				
PCB-1254	BRL	0.0209	Not Applicable	1/10 ppm
Total PCBs	BRL	0.0209	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	1.33	BRL		10/10 ppm
Barium	138	42.8		4,700/140,000 ppm
Cadmium	BRL	10.4		34/1,000 ppm
Chromium	12.4	11.3		100/100 ppm
Lead	3.96	6.01		500/1,000 ppm
SPLP RCRA 8 Metals – ppm				No Standard
Barium	1.99	0.0501	10 ppm	

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

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

TABLE 3(c) - Results of Concrete Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOC-5	CCOC-6	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	142	202	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL		
SVOCs - Method 8270 (ppm)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)				
PCB-1254	BRL	0.0163	Not Applicable	1/10 ppm
Total PCBs	BRL	0.0163	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	1.61	2.08		10/10 ppm
Barium	41.3	57.7		4,700/140,000 ppm
Cadmium	14.4	15.6		34/1,000 ppm
Chromium	12.4	13.2		100/100 ppm
Lead	4.0	4.17		500/1,000 ppm
SPLP RCRA 8 Metals – ppm				No Standard
Barium	0.082	0.0811	10 ppm	
Chromium	BRL	0.0689	0.5 ppm	

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

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

TABLE 4 - Results of Railroad Tie Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCOT-1	CCOT-2	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***150,000***	***120,000***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)				
Naphthalene	***3,550***	***1,930***	**56 ppm**	**1,000/2,500 ppm**
SVOCs - Method 8270 (ppm)				
Acenaphthene	***5,530***	***8,490***	**84 ppm**	**1,000/2,500 ppm**
Anthracene	***5,170***	***7,750***	**400 ppm**	**1,000/2,500 ppm**
Chrysene	BRL	***1,980***	**1 ppm**	**84/780 ppm**
Dibenzofuran	***3,420***	***5,160***	**5.6 ppm**	**270/2,500 ppm**
Fluoranthene	***9,190***	***12,900***	**56 ppm**	**1,000/2,500 ppm**
Fluorene	***5,050***	***6,750***	**56 ppm**	**1,000/2,500 ppm**
1-Methylnaphthalene	3,060	2,500	None Established	None Established
Naphthalene	***3,510***	***3,510***	**56 ppm**	**1,000/2,500 ppm**
Phenanthrene	***14,300***	***21,100***	**40 ppm**	**1,000/2,500 ppm**
Pyrene	***6,870***	***9,560***	**40 ppm**	**1,000/2,500 ppm**
Total SVOCs	56,100	79,700		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Barium	1.52	14.6		4,700/140,000 ppm
Lead	BRL	2.25		500/1,000 ppm
Mercury	BRL	0.0583		20/610 ppm
TCLP RCRA 8 Metals - ppm				Not Applicable
Barium	BRL	0.111	10.0 ppm	

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

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

TABLE 5(a) - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCO-1 GW	CCO-13 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	2.4	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)				
1,1-Dichloroethane	2.0	BRL	None Established	34,600/50,000 ppb
cis-1,2-Dichloroethene	7.2	BRL	None Established	None Established
Vinyl Chloride	***2.1***	BRL	15,750 ppb	**2/2 ppb**
SVOCs - EPA Method 8270 (ppb)				
Phenanthrene	***0.321***	BRL	**0.3 ppb**	None Established
Pyrene	0.231	BRL	110,000 ppb	None Established
Pesticides - EPA Method 8081A (ppb)	BRL	BRL		
PCBs - EPA Method 8080 (ppb)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	***0.0244***	***0.0047***	**0.004 ppm**	
Barium	0.206	0.0988	None Established	
Chromium	0.0075	0.0112	0.11 ppm	
Lead	***2.43***	0.0128	**0.013 ppm**	
Mercury	***0.0182***	BRL	**0.0004 ppm**	

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

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

TABLE 5(b) - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard Component Change Out Facility
New Haven, Connecticut

Sample I.D.:	CCO-15 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)			
Benzene	3.4	710 ppb	215/530 ppb
Naphthalene	7.0	None Established	None Established
SVOCs - EPA Method 8270 (ppb)	BRL		
Pesticides - EPA Method 8081A (ppb)	BRL		
PCBs - EPA Method 8080 (ppb)	BRL		
Total RCRA 8 Metals – ppm			Not Applicable
Arsenic	**0.0083**	**0.004 ppm**	
Barium	0.137	None Established	
Chromium	0.0058	0.11 ppm	
Lead	***0.105***	**0.013 ppm**	

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

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

APPENDIX A
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-1

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
0.0		Gray fine to medium GRAVEL (BALLAST), trace fine to coarse Sand	0.5		
1.0				0	Macro Core 0'-2'
2.0					
3.0				1.8	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5')			
5.0					
6.0				1.1	Macro Core 4'-8'
7.0					
8.0			8.0		
8.0		End of Boring at 8'			
9.0					
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-2
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-23-07

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

Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray fine to medium GRAVEL (BALLAST), trace fine to coarse Sand	0.5		
1.0			0.1	Macro Core 0'-2'
2.0				
3.0			2.1	Macro Core 2'-4'
4.0	Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5')			
5.0				
6.0			0.6	Macro Core 4'-8'
7.0				
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-3
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
0.0		Gray fine to medium GRAVEL (BALLAST), trace fine to coarse Sand	0.5		
1.0				0.2	Macro Core 0'-2'
2.0					
3.0				1.8	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5')			
5.0					
6.0				0.3	Macro Core 4'-8'
7.0					
8.0			8.0		
8.0		End of Boring at 8'			
9.0					
10.0					
11.0					
12.0					

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-4

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST), little fine to coarse Sand	1.0	0.1	Macro Core 0'-2'
1.0		Black ASH & CINDERS, little fine to coarse Gravel	1.5		
2.0				0.3	Macro Core 2'-4'
3.0					
4.0				0	Macro Core 4'-8'
5.0		Red-Brown fine to coarse SAND, trace Silt (wet at 5')			
6.0					
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

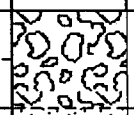
GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-5

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
0.0 – 1.0	Gray medium to coarse GRAVEL (BALLAST), little fine to coarse Sand	1.0	0.1	Macro Core 0'-2'
1.0 – 2.0				
2.0 – 3.0			0.2	Macro Core 2'-4'
3.0 – 4.0				
4.0 – 5.0	Red-Brown fine to coarse SAND, trace Silt & Seashells (wet at 5')			
5.0 – 6.0				
6.0 – 7.0			0.3	Macro Core 4'-8'
7.0 – 8.0		8.0		
8.0 – 9.0	End of Boring at 8'			
9.0 – 10.0				
10.0 – 11.0				
11.0 – 12.0				

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-6

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray fine to medium GRAVEL (BALLAST), trace fine to coarse Sand	0.5		
1.0				0	Macro Core 0'-2'
2.0					
3.0				2.4	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5.5')			
5.0					
6.0				0.3	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-7
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray fine to medium GRAVEL (BALLAST), trace fine to coarse Sand	0.5		
1.0				0	Macro Core 0'-2'
2.0					
3.0				1.5	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5.5')			
5.0					
6.0				1.7	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-8

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.3		
1.0		Gray medium to coarse Gravel, little fine to coarse Sand, trace Silt	1.5	0.2	Macro Core 0'-2'
2.0					
3.0				0.9	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5.5')			
6.0				0.1	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-9

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

Client: Maguire Group Inc. | **Date:** 5-23-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
1.0		Gray medium to coarse Gravel, little fine to coarse Sand, trace Silt	1.5	0.1	Macro Core 0'-2'
2.0					
3.0				1.2	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium & Seashells (FILL, wet at 5.5')			
6.0				0.2	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-10

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse Gravel, little fine to coarse Sand, trace Silt	0.5		
1.0				0.1	Macro Core 0'-2'
2.0					
3.0				0.9	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium Sand (FILL, wet at 5')			
5.0					
6.0				0	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-11
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-25-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse Gravel, little fine to coarse Sand, trace Silt	0.5		
1.0				0.1	Macro Core 0'-2'
2.0					
3.0				0.2	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium Sand (FILL, wet at 6')			
5.0					
6.0				0.4	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

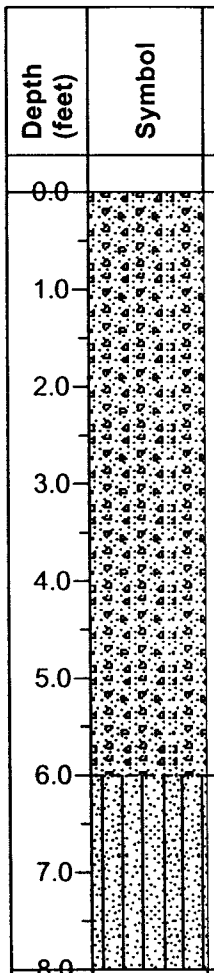
GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-12

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
1.0	Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL)		0.1	Macro Core 0'-2'
2.0				
3.0			0.9	Macro Core 2'-4'
4.0				
5.0				
6.0		6.0	0.2	Macro Core 4'-8'
7.0	Red-Brown fine SAND & SILT, trace fine Gravel (wet)			
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

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

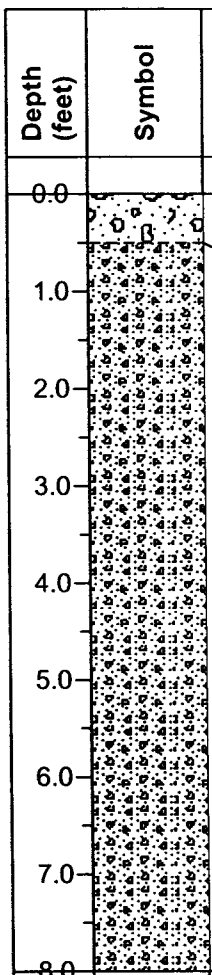
GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-13

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

Client: Maguire Group Inc. | **Date:** 5-25-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse Gravel, little fine to coarse Sand, trace Silt	0.5	0.1	Macro Core 0'-2'
2.0			0.4	Macro Core 2'-4'
4.0	Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium Sand (FILL, wet at 6')		0.1	Macro Core 4'-8'
8.0		8.0		
	End of Boring at 8'			

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

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

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

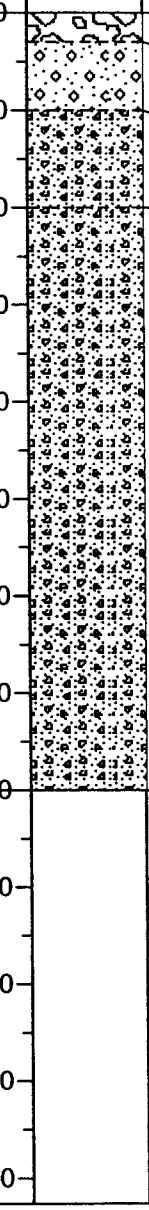
GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-14

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse GRAVEL (BALLAST)	0.3		
1.0	Light-Brown fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0	0.1	Macro Core 0'-2'
	Red-Brown fine to coarse SAND, little Ash, Cinders & fine to coarse Gravel (FILL)	2.0		
2.0				
3.0			0.3	Macro Core 2'-4'
4.0				
5.0	Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet at 5')			
6.0			0.4	Macro Core 4'-8'
7.0				
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-15

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.3		
1.0		Light-Brown fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0	0.3	Macro Core 0'-2'
		Red-Brown fine to coarse SAND, little Ash, Cinders & fine to coarse Gravel (FILL)	2.0		
2.0					
3.0				1.9	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet at 5')			
6.0				0.3	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-16
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.3		
1.0		Light-Brown fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0	0.4	Macro Core 0'-2'
		Red-Brown fine to coarse SAND, little Ash, Cinders & fine to coarse Gravel (FILL)	2.0		
2.0					
3.0				2.3	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet at 5')			
6.0				0.4	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

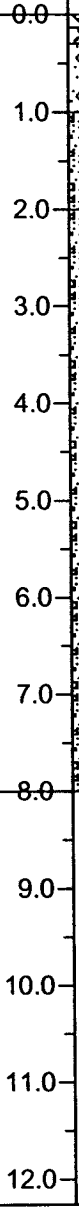
GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-17

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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



Depth (feet)	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0	Ground Surface	0.0		
	Gray medium to coarse GRAVEL (BALLAST)	0.3		
1.0	Light-Brown fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0	0	Macro Core 0'-2'
	Red-Brown fine to coarse SAND, little Ash, Cinders & fine to coarse Gravel (FILL)	2.0		
2.0				
3.0			1.1	Macro Core 2'-4'
4.0				
5.0	Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet at 5')			
6.0			0.3	Macro Core 4'-8'
7.0				
8.0		8.0		
9.0	End of Boring at 8'			
10.0				
11.0				
12.0				

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-18

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray medium to coarse GRAVEL (BALLAST)	0.3		
1.0		Light-Brown fine to medium SAND, little fine to coarse Gravel, trace Silt	1.0	0.1	Macro Core 0'-2'
		Red-Brown fine to coarse SAND, little Ash, Cinders & fine to coarse Gravel (FILL)	2.0		
2.0					
3.0				0.3	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Sand, trace fine to coarse Gravel (FILL, wet at 5')			
6.0				0	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility | **Boring:** CCO-19

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

Client: Maguire Group Inc. | **Date:** 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray fine to medium Gravel, little fine to coarse Sand, trace Silt	0.5		
1.0				0.5	Macro Core 0'-2'
2.0					
3.0				28.9	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium Sand (FILL, wet at 4.5', petroleum odor)			
5.0					
6.0				17.2	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

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

GEOPROBE SOIL BORING LOG

Project: Component Change Out Facility
Boring: CCO-20
Location: New Haven Rail Yard
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 5-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Gray fine to medium Gravel, little fine to coarse Sand, trace Silt	0.5		
1.0				0.4	Macro Core 0'-2'
2.0					
3.0				10.7	Macro Core 2'-4'
4.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Red-Brown fine to medium Sand (FILL, wet at 4.5', petroleum odor)			
5.0					
6.0				15.9	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0		End of Boring at 8'			
10.0					
11.0					
12.0					

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

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

APPENDIX B
Tables from MGI's Previous NHRY Task 210 Investigations

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

Boring I.D.: Sample Depth:	IS-40 2'-4'	IS-41 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	393	***606***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL		
BNs - Method 8270 (ppm)				
Acenaphthylene	0.29	0.373	84 ppm	1,000/2,500 ppm
Anthracene	0.246	0.244	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.471	0.628	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	0.428	0.664	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.481	***1.13***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	0.521	0.682	**1 ppm**	8.4/78 ppm
Benzo(g,h,i)perylene	0.407	0.46	42 ppm	1,000/2,500 ppm
Chrysene	0.55	0.888	**1 ppm**	84/780 ppm
Fluoranthene	0.964	0.982	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.327	0.401	1 ppm	1/7.8 ppm
2-Methylnaphthalyene	BRL	0.317	9.8 ppm	474/2,500 ppm
Phenanthrene	0.427	0.567	40 ppm	1,000/2,500 ppm
Pyrene	0.616	0.657	40 ppm	1,000/2,500 ppm
Total BNs	5.728	7.993		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)				
PCB-1260	0.0959	0.0731	Not Applicable	1/10 ppm
Herbicides - Method 8151 (ppm)	BRL	BRL		
Total RCRA 8 Metals – ppm				
Arsenic	9.29	***12.9***		**10/10 ppm**
Barium	59.0	70.3		4,700/140,000 ppm
Cadmium	0.746	1.84		34/1,000 ppm
Chromium	11.4	25.8		100/100 ppm
Lead	172	345		**500/1,000 ppm**
Mercury	2.56	6.37		20/610 ppm
SPLP RCRA 8 Metals - ppm				
Barium	0.0197	0.0346	10.0 ppm	
Lead	0.018	0.0335	**0.15 ppm**	

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

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

MGI's 2007 Task 210 Investigation
TABLE 2(a) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard West End Yard Project
New Haven, Connecticut

Boring I.D.:	WEY-25	WEY-33	WEY-37	WEY-38	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	4'-8'	2'-4'		
CT ETPH - (ppm)	332	***1,480***	BRL	45.7	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	BRL	BRL	***0.978***	BRL	0.2 ppm	21/200 ppm
Ethylbenzene	0.0769	BRL	0.477	BRL	10.1 ppm	500/1,000 ppm
Naphthalene	0.307	0.66	BRL	BRL	56 ppm	1,000/2,500 ppm
n-Propylbenzene	BRL	BRL	0.185	BRL	14 ppm	500/1,000 ppm
Tetrachloroethene	***2.48***	BRL	BRL	BRL	**1 ppm**	12/110 ppm
Toluene	0.23	0.0946	1.54	BRL	67 ppm	500/1,000 ppm
Trichloroethene	0.123	BRL	BRL	BRL	1 ppm	56/520 ppm
1,2,4-Trimethylbenzene	0.122*	0.101	0.212	BRL	70 ppm	500/1,000 ppm
1,3,5-Trimethylbenzene	BRL	BRL	0.0831	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	0.483	0.284	1.466	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	***1.95***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	BRL	***1.82***	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***2.18***	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	0.908	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	***1.42***	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	***3.0***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	4.21	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	0.697	BRL	BRL	1 ppm	1/7.8 ppm
Pyrene	BRL	7.99	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	24.175	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	0.324	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	7.38	***18.4***	3.13	***10.8***		**10/10 ppm**
Barium	108	41.8	80.0	92.2		4,700/140,000 ppm
Cadmium	2.22	0.809	BRL	BRL		34/1,000 ppm
Chromium	18.5	21.0	3.76	7.29		100/100 ppm
Lead	***966***	194	22.0	209		**500**/1,000 ppm
Mercury	1.99	0.33	0.0865	0.123		20/610 ppm
Silver	6.45	BRL	BRL	BRL		340/10,000 ppm
SPLP RCRA 8 Metals – ppm						Not Applicable
Barium	0.0441	BRL	BRL	0.0227	10.0 ppm	
Lead	0.0514	0.0434	BRL	0.0882	0.15 ppm	
Mercury	0.00022	BRL	BRL	BRL	0.02 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 2(b) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard West End Yard Project
New Haven, Connecticut

Boring I.D.: Sample Depth:	WEY-39 2'-4'	WEY-40 4'-8'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	52.3	75.5	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL		
SVOCs - Method 8270 (ppm)				
Anthracene	BRL	0.532	400 ppm	1,000/2,500 ppm
Benzo(b)fluoranthene	BRL	0.555	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	BRL	0.478	1 ppm	8.4/78 ppm
Chrysene	BRL	0.811	1 ppm	84/780 ppm
Fluoranthene	BRL	2.0	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	1.99	40 ppm	1,000/2,500 ppm
Pyrene	BRL	1.65	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	8.016		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	***14.1***	2.94		**10/10 ppm**
Barium	68.9	119		4,700/140,000 ppm
Chromium	6.79	5.88		100/100 ppm
Lead	308	277		500/1,000 ppm
Mercury	1.83	0.778		20/610 ppm
SPLP RCRA 8 Metals – ppm				Not Applicable
Arsenic	0.034	BRL	0.5 ppm	
Barium	0.078	0.0131	10.0 ppm	
Chromium	0.0143	BRL	0.5 ppm	
Lead	***1.07***	0.0358	**0.15 ppm**	
Mercury	0.00064	BRL	0.02 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(a) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-16 2'-4'	M8F-17 4'-6'	M8F-27 2'-4'	M8F-28 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	345	***8,510***	BRL	***932***	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	0.268	BRL	BRL	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	0.988	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(b)fluoranthene	BRL	***1.14***	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	BRL	0.93	BRL	BRL	1 ppm	8.4/78 ppm
Chrysene	BRL	***1.37***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	2.99	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	BRL	3.02	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	10.438	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	0.0274	0.0216	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	5.59	6.41	BRL	1.6		**10/10 ppm**
Barium	28.8	46.1	11.5	19.3		4,700/140,000 ppm
Cadmium	0.615	0.569	BRL	0.333		34/1,000 ppm
Chromium	30.4	38.4	3.97	7.39		100/100 ppm
Lead	49.7	79.8	8.18	25.3		500/1,000 ppm
Mercury	0.0707	0.135	BRL	0.0388		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0577	0.044	BRL	BRL	10.0 ppm	
Chromium	0.0193	BRL	BRL	BRL		
Lead	0.0161	0.0298	BRL	BRL	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(b) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-29	M8F-30	M8F-31	M8F-32	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	294	475	184	450	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	BRL	0.192	BRL	56 ppm	1,000/2,500 ppm
Styrene	0.183	BRL	BRL	BRL	20 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Anthracene	BRL	BRL	0.929	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	0.814	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	BRL	BRL	***1.2***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	BRL	***1.02***	BRL	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	0.53	1.31	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	***1.16***	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	BRL	***1.39***	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	3.09	1.52	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	1.89	BRL	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	2.97	2.57	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	14.993	5.4		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)						
PCB-1254	BRL	BRL	BRL	0.039	Not Applicable	1/10 ppm
PCB-1260	BRL	BRL	0.0171	0.0185	Not Applicable	1/10 ppm
Total PCBs	BRL	BRL	0.0171	0.0575	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	BRL	9.77	8.03		10/10 ppm
Barium	15.2	12.2	138	55.4		4,700/140,000 ppm
Cadmium	BRL	0.284	1.88	0.931		34/1,000 ppm
Chromium	7.06	5.11	12.0	7.01		100/100 ppm
Lead	16.1	14.5	266	177		500/1,000 ppm
Mercury	BRL	BRL	0.753	0.0985		20/610 ppm
Silver	BRL	BRL	BRL	1.18		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	BRL	BRL	0.0242	0.0126	10.0 ppm	
Lead	BRL	BRL	0.0254	0.0179	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(c) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

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

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(d) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.:	M8F-41	M8F-42	M8F-43	M8F-44	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-6'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	*728*	*776*	BRL	388	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Ethylbenzene	BRL	0.123	BRL	BRL	10.1 ppm	500/1,000 ppm
Naphthalene	BRL	0.155	BRL	BRL	56 ppm	1,000/2,500 ppm
Toluene	BRL	0.154	BRL	BRL	67 ppm	500/1,000 ppm
1,2,4-Trimethylbeznene	BRL	0.0696	BRL	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	0.3427	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	***1.41***	BRL	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	***1.27***	BRL	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***1.67***	BRL	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(k)fluoranthene	***1.84***	BRL	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***2.18***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	3.14	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	3.11	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	14.62	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	9.64	7.95	3.98	7.0		10/10 ppm
Barium	40.4	109	53.4	76.2		4,700/140,000 ppm
Cadmium	0.516	0.584	0.362	0.461		34/1,000 ppm
Chromium	9.81	11.7	4.11	9.6		100/100 ppm
Lead	152	365	51.1	119		500/1,000 ppm
Mercury	0.307	1.02	0.053	0.586		20/610 ppm
Selenium	BRL	1.68	2.22	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.009	0.0962	0.0064	0.0914	10.0 ppm	
Lead	0.0252	BRL	BRL	BRL	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(e) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-45 4'-6'	M8F-46 2'-4'	M8F-47 2'-4'	M8F-48 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	203	***1,150***	***1,310***	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	0.188	BRL	0.0725	BRL	0.2 ppm	21/200 ppm
Naphthalene	0.177	BRL	0.133	BRL	56 ppm	1,000/2,500 ppm
Toluene	0.339	BRL	0.202	BRL	67 ppm	500/1,000 ppm
Xylenes (total)	0.3237	BRL	0.2455	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Fluoranthene	BRL	1.12	2.77	BRL	56 ppm	1,000/2,500 ppm
Pyrene	BRL	1.99	3.26	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	3.11	6.03	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	0.0212	0.028	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***21.6***	***19.7***	***10.7***	3.63		**10/10 ppm**
Barium	59.6	69.0	54.7	39.3		4,700/140,000 ppm
Cadmium	BRL	0.457	0.589	0.871		34/1,000 ppm
Chromium	4.5	7.82	8.64	10.4		100/100 ppm
Lead	65.3	136	183	228		500/1,000 ppm
Mercury	0.0948	0.363	0.182	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0236	0.013	0.012	0.015	10.0 ppm	
Lead	BRL	0.0146	0.0261	0.021	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(f) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-49 2'-4'	M8F-50 2'-4'	M8F-51 2'-4'	M8F-52 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Fluoranthene	0.447	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Pyrene	0.486	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	0.933	BRL	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	1.64	1.98	1.96	3.94		10/10 ppm
Barium	21.6	23.5	25.6	95.3		4,700/140,000 ppm
Cadmium	BRL	BRL	BRL	0.499		34/1,000 ppm
Chromium	4.29	5.12	6.56	10.2		100/100 ppm
Lead	23.6	9.99	6.6	320		500/1,000 ppm
Mercury	0.0683	0.0344	BRL	2.87		20/610 ppm
Selenium	BRL	BRL	BRL	1.82		340/10,000 ppm
Silver	BRL	BRL	BRL	1.62		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0186	0.0146	0.0064	0.0118	10.0 ppm	
Lead	0.0497	BRL	BRL	0.0138	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 3(g) - Results of Geoprobe Boring Soil Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	M8F-53 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL		
SVOCs - Method 8270 (ppm)	BRL		
Pesticides - Method 8081 (ppm)	BRL		
PCBs – Method 8082 (ppm)	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm		Not Applicable	
Arsenic	4.42		10/10 ppm
Barium	98.3		4,700/140,000 ppm
Cadmium	0.521		34/1,000 ppm
Chromium	5.68		100/100 ppm
Lead	333		500/1,000 ppm
Mercury	2.21		20/610 ppm
Selenium	1.81		340/10,000 ppm
SPLP RCRA 8 Metals - ppm			Not Applicable
Barium	0.0208	10.0 ppm	
Lead	0.0111	0.15 ppm	

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

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

MGI's 2007 Task 210 Investigation
TABLE 4 - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard M-8 Acceptance Facility
New Haven, Connecticut

Sample I.D.:	M8F-42 GW	M8F-50 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)	BRL	BRL		
SVOCs - EPA Method 8270 (ppb)	BRL	BRL		
Pesticides - EPA Method 8081A (ppb)	BRL	BRL		
PCBs - EPA Method 8080 (ppb)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	BRL	***0.0062***	**0.004 ppm**	
Barium	0.058	0.0322	None Established	
Lead	***0.0132***	0.012	**0.013 ppm**	

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

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

TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Component Change Out Facility
New Haven, Connecticut

Volume 2 of 3

ConnDOT Assignment No. 202-3497
ConnDOT Project No. 301-88

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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

May 31, 2007

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Appendices

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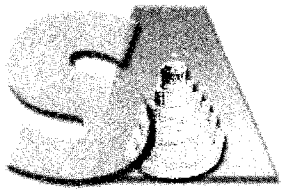
APPENDIX C
Geoprobe Boring Soil Sample Laboratory Reports

Report Date:
06-Jun-07 11:04



☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: NHRY - Component Change Out Facility, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62687-01	CCO-1 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-02	CCO-2 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-03	CCO-3 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-04	CCO-4 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-05	CCO-5 4'-8'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-06	CCO-6 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-07	CCO-7 4'-8'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-08	CCO-8 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-09	CCO-9 2'-4'	Soil	23-May-07 00:00	24-May-07 15:15
SA62687-10	CCO-1 GW	Ground Water	23-May-07 00:00	24-May-07 15:15
SA62687-11	FB-1	Blank Water	23-May-07 00:00	24-May-07 15:15
SA62687-12	TB-2	Blank Water	23-May-07 00:00	24-May-07 15:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 120 pages of analytical data plus Chain of Custody document(s).
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Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Technical Reviewer's Initial:

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	72.6	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060311	ADU
67-64-1	Acetone	BRL		µg/kg dry	726	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	72.6	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	72.6	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	145	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	726	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	363	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	145	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	72.6	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	145	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	145	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	72.6	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	145	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	726	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	726	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	726	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	72.6	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	72.6	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060311	ADU
100-42-5	Styrene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	72.6	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	72.6	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	72.6	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	145	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	72.6	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	726	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	72.6	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	72.6	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	72.6	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	72.6	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	726	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1450	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	25.6	1	+CT ETPH	30-May-07	31-May-07	7052190	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	25.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	25.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	25.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	25.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	25.6	1	"	"	"	"	"
	Unidentified	129		mg/kg dry	25.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	25.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	129		mg/kg dry	25.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	129		mg/kg dry	25.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*170*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.91	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.91	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.91	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.91	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.91	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.5	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.91	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.91	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.91	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.91	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.91	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.91	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.91	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.91	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.91	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.91	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.91	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.91	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.91	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.91	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.91	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*173*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.8	1	SW846 8082	29-May-07	01-Jun-07	7052116	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	634	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	634	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	634	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	634	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	634	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	634	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	634	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	634	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 2'-4' SA62687-01	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	662		µg/kg dry	634	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	1,000		µg/kg dry	634	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	634	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	748		µg/kg dry	634	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	634	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	634	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	634	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	634	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	634	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	634	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	634	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	634	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	634	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	634	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	634	1	"	"	"	"	"
218-01-9	Chrysene	828		µg/kg dry	634	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	634	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	634	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	317	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	634	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	634	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	634	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	634	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	634	1	"	"	"	"	"
206-44-0	Fluoranthene	816		µg/kg dry	634	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	634	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	634	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	634	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	634	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	634	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	634	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	634	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	634	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	634	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	634	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	634	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	634	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	634	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2540	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2540	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	634	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	634	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	634	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	634	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	634	1	"	"	"	"	"
129-00-0	Pyrene	774		µg/kg dry	634	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	634	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	634	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	634	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.71	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	8.97		mg/kg dry	1.71	1	"	"	"	"	"
7440-39-3	Barium	107		mg/kg dry	1.14	1	"	"	"	"	"
7440-43-9	Cadmium	0.645		mg/kg dry	0.571	1	"	"	"	"	"
7440-47-3	Chromium	8.80		mg/kg dry	1.14	1	"	"	"	"	"
7439-97-6	Mercury	6.64		mg/kg dry	0.177	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	670		mg/kg dry	1.71	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.71	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00030		mg/l	0.00020	1	SW846 1312/7470A	04-Jun-07	05-Jun-07	7052310	WinHg
7439-92-1	Lead	0.0624		mg/l	0.0150	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.5		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052275	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-2 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	70.5	50	SW 846 8260B	31-May-07	01-Jun-07	7052379	ADU
67-64-1	Acetone	BRL		µg/kg dry	705	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	70.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	70.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	141	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	705	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	353	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	70.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	141	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	70.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	141	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	141	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	70.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	141	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	705	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	70.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	705	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	705	50	"	"	"	"	"
91-20-3	Naphthalene	420		µg/kg dry	70.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-2 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	106		µg/kg dry	70.5	50	SW 846 8260B	31-May-07	01-Jun-07	7052379	ADU
100-42-5	Styrene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
108-88-3	Toluene	160		µg/kg dry	70.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	70.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	70.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	107		µg/kg dry	70.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	70.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	177		µg/kg dry	141	50	"	"	"	"	"
95-47-6	o-Xylene	90.3		µg/kg dry	70.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	705	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	70.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	70.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	70.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	70.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	705	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1410	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.9	1	+CT ETPH	30-May-07	31-May-07	7052190	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.9	1	"	"	"	"	"
J00100000	Aviation Fuel	Calculated as		mg/kg dry	20.9	1	"	"	"	"	"
	Unidentified	78.0		mg/kg dry	20.9	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	20.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	78.0		mg/kg dry	20.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	78.0		mg/kg dry	20.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*116*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.88	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-2 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.88	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.88	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.88	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.88	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.4	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.88	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.88	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.88	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.88	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.88	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.88	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.88	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.88	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.88	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.88	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.88	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.88	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.88	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.88	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.88	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*62*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.8	1	SW846 8082	29-May-07	01-Jun-07	7052116	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	517	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	517	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	517	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	517	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	517	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	517	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	517	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	517	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-2 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	517	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	517	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	517	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	517	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	517	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	517	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	517	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	517	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	517	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	517	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	517	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	517	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	517	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	517	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	517	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	517	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	517	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	517	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	259	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	517	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	517	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	517	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	517	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	517	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	517	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	517	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	517	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	517	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	517	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	517	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	517	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	517	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	517	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	517	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	517	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	517	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	517	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	517	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-2 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2070	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2070	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	517	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	517	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	517	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	517	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	517	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	517	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	517	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	517	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	517	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.62	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	3.03		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	38.0		mg/kg dry	1.08	1	"	"	"	"	"
7440-43-9	Cadmium	1.57		mg/kg dry	0.541	1	"	"	"	"	"
7440-47-3	Chromium	4.18		mg/kg dry	1.08	1	"	"	"	"	"
7439-97-6	Mercury	10.1		mg/kg dry	0.176	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	332		mg/kg dry	1.62	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.62	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	0.00037		mg/l	0.00020	1	SW846 1312/7470A	04-Jun-07	05-Jun-07	7052310	WinHg
7439-92-1	Lead	0.0467		mg/l	0.0150	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.1		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-3 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	68.5	50	SW 846 8260B	31-May-07	01-Jun-07	7052379	ADU
67-64-1	Acetone	BRL		µg/kg dry	685	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	68.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	68.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	137	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	685	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	342	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	68.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	137	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	68.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	137	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	137	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	68.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	137	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	685	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	68.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	685	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	685	50	"	"	"	"	"
91-20-3	Naphthalene	320		µg/kg dry	68.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-3 2'-4' SA62687-03	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	75.3		µg/kg dry	68.5	50	SW 846 8260B	31-May-07	01-Jun-07	7052379	ADU
100-42-5	Styrene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	342	50	"	"	"	"	"
108-88-3	Toluene	138		µg/kg dry	68.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	68.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	68.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	80.8		µg/kg dry	68.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	68.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	173		µg/kg dry	137	50	"	"	"	"	"
95-47-6	o-Xylene	98.0		µg/kg dry	68.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	685	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	68.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	68.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	68.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	68.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	685	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1370	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	26.0	1	+CT ETPH	30-May-07	31-May-07	7052190	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	26.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	26.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	26.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	26.0	1	"	"	"	"	"
J00100000	Aviation Fuel	Calculated as		mg/kg dry	26.0	1	"	"	"	"	"
	Unidentified	114		mg/kg dry	26.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	26.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	114		mg/kg dry	26.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	114		mg/kg dry	26.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*193*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.87	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-3 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.87	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.87	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.87	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.87	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.87	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.87	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.87	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.87	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.87	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.87	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.87	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.87	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.87	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.87	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.87	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.87	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*76*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*116*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.7	1	SW846 8082	29-May-07	01-Jun-07	7052116	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	646	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	646	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	646	1	"	"	"	"	"
120-12-7	Anthracene	978		µg/kg dry	646	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	646	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	646	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	646	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,110		µg/kg dry	646	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-3 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	1,130		µg/kg dry	646	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	1,240		µg/kg dry	646	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	646	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	905		µg/kg dry	646	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	646	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	646	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	646	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	646	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	646	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	646	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	646	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	646	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	646	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	646	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	646	1	"	"	"	"	"
218-01-9	Chrysene	1,310		µg/kg dry	646	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	646	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	646	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	323	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	646	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	646	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	646	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	646	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	646	1	"	"	"	"	"
206-44-0	Fluoranthene	3,120		µg/kg dry	646	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	646	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	646	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	646	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	646	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	646	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	646	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	646	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	646	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	646	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	646	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	646	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	646	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	646	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-3 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2580	1	SW846 8270C	30-May-07	31-May-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2580	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	646	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	646	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	646	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
85-01-8	Phenanthrene	2,030		µg/kg dry	646	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	646	1	"	"	"	"	"
129-00-0	Pyrene	2,500		µg/kg dry	646	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	646	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	646	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	646	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.72	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	7.90		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	71.5		mg/kg dry	1.15	1	"	"	"	"	"
7440-43-9	Cadmium	0.865		mg/kg dry	0.573	1	"	"	"	"	"
7440-47-3	Chromium	5.50		mg/kg dry	1.15	1	"	"	"	"	"
7439-97-6	Mercury	4.59		mg/kg dry	0.175	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	1,130		mg/kg dry	1.72	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.72	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0132		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	0.00027		mg/l	0.00020	1	SW846 1312/7470A	04-Jun-07	05-Jun-07	7052310	WinHg
7439-92-1	Lead	0.0528		mg/l	0.0150	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052309	RM
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.7		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-4 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.7	1	SW 846 8260B	30-May-07	30-May-07	7052252	RLJ
67-64-1	Acetone	65.5	VOC8	µg/kg dry	56.9	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	56.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-4 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW 846 8260B	30-May-07	30-May-07	7052252	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	114	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*87*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*114*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	125	5	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	125	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	125	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	125	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	125	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	125	5	"	"	"	"	"
	Unidentified	215		mg/kg dry	125	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	125	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	215		mg/kg dry	125	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	215		mg/kg dry	125	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.49	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-4 2'-4' SA62687-04	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.49	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.49	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.49	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.49	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.4	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.49	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.49	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.49	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.49	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.49	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.49	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.49	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.49	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.49	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.49	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.49	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.49	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.49	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.49	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.49	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*61*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.0	1	SW846 8082	29-May-07	01-Jun-07	7052116	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11096-82-5	PCB 1260	11.0		µg/kg dry	11.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	618	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	618	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	618	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	618	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	618	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	618	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	618	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	618	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-4 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	618	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	618	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	618	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	618	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	618	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	618	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	618	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	618	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	618	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	618	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	618	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	618	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	618	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	618	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	618	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	618	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	618	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	618	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	618	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	618	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	618	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	618	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	618	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	618	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	618	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	618	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	618	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	618	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	618	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	618	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	618	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	618	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	618	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	618	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	618	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	618	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	618	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	618	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-4 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2470	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2470	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	618	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	618	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	618	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	618	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	618	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	618	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	618	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	618	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	618	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*41*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.59	1	"	"	"	"	"
7440-39-3	Barium	15.9		mg/kg dry	1.06	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.531	1	"	"	"	"	"
7440-47-3	Chromium	5.08		mg/kg dry	1.06	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.164	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	11.7		mg/kg dry	1.59	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.5		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-5 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.7	1	SW 846 8260B	30-May-07	30-May-07	7052252	RLJ
67-64-1	Acetone	BRL		µg/kg dry	56.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	56.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-5 4'-8' SA62687-05	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW 846 8260B	30-May-07	30-May-07	7052252	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	113	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*115*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	16.6	1	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	16.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	16.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	16.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	16.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	16.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	16.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	16.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	16.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	16.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*96*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.57	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-5 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.57	1	SW846 8081A	29-May-07	01-Jun-07	7052115	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.57	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.57	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.57	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.9	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.57	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.57	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.57	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.57	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.57	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.57	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.57	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.57	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.57	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.57	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.57	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.57	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.57	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.57	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.57	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*82*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.1	1	SW846 8082	29-May-07	01-Jun-07	7052116	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	413	1	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	413	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	413	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	413	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	413	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	413	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	413	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	413	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-5 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	413	1	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	413	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	413	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	413	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	413	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	413	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	413	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	413	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	413	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	413	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	413	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	413	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	413	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	413	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	206	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	413	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	413	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	413	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	413	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	413	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	413	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	413	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	413	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	413	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	413	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	413	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	413	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	413	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	413	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	413	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	413	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-5 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1650	1	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1650	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	413	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	413	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	413	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	413	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	413	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	413	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	413	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	413	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	413	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*54*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*52*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*47*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	7.81		mg/kg dry	1.02	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.508	1	"	"	"	"	"
7440-47-3	Chromium	3.17		mg/kg dry	1.02	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.166	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	BRL		mg/kg dry	1.52	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.7		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-6 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	64.4	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
67-64-1	Acetone	BRL		µg/kg dry	644	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	64.4	50	"	"	"	"	"
71-43-2	Benzene	1,420		µg/kg dry	64.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	64.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	129	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	644	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	322	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	64.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	129	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	64.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	129	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	129	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	64.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	129	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	66.9		µg/kg dry	64.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	644	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	64.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	644	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	644	50	"	"	"	"	"
91-20-3	Naphthalene	276		µg/kg dry	64.4	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-6 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	64.4	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
100-42-5	Styrene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
108-88-3	Toluene	1,520		µg/kg dry	64.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	64.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	64.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	64.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	275		µg/kg dry	129	50	"	"	"	"	"
95-47-6	o-Xylene	99.1		µg/kg dry	64.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	644	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	64.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	64.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	64.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	64.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	644	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1290	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	297	10	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	297	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	297	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	297	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	297	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	297	10	"	"	"	"	"
	Unidentified	592		mg/kg dry	297	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	297	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	592		mg/kg dry	297	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	592		mg/kg dry	297	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*328*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.18	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-6 2'-4' SA62687-06	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.18	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.18	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.18	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.18	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.9	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.18	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.18	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.18	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.18	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.18	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.18	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.18	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.18	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.18	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.18	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.18	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.18	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.18	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.18	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.18	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*39*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*38*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.4	1	SW846 8082	31-May-07	31-May-07	7052292	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	368	5	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	368	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	368	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	368	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	368	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	368	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	368	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	368	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-6 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	368	5	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	368	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	368	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	368	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	368	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	368	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	368	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	368	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	368	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	368	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	368	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	368	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	368	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	368	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	368	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	368	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	368	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	368	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	368	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	368	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	368	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	368	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	368	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	368	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	368	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	368	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	368	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	368	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	368	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	368	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	368	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	368	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	368	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	368	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	368	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	368	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	368	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	368	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-6 2'-4' SA62687-06	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	5	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	368	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	368	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	368	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	368	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	368	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	368	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	368	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	368	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*46*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.60	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7440-38-2	Arsenic	3.61		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	19.1		mg/kg dry	1.07	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.534	1	"	"	"	"	"
7440-47-3	Chromium	2.35		mg/kg dry	1.07	1	"	"	"	"	"
7439-97-6	Mercury	0.204		mg/kg dry	0.170	5	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	69.8		mg/kg dry	1.60	1	SW846 6010B	31-May-07	31-May-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0200		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.3		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-7 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	85.8	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
67-64-1	Acetone	BRL		µg/kg dry	858	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	85.8	50	"	"	"	"	"
71-43-2	Benzene	135		µg/kg dry	85.8	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	85.8	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	172	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	858	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	429	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	85.8	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	172	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	85.8	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	172	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	172	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	85.8	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	172	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	858	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	85.8	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	858	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	858	50	"	"	"	"	"
91-20-3	Naphthalene	308		µg/kg dry	85.8	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-7 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	85.8	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
100-42-5	Styrene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	215	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	85.8	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	85.8	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	85.8	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	172	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	85.8	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	858	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	85.8	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	85.8	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	85.8	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	85.8	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	858	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1720	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	35.9	1	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	35.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Unidentified	101		mg/kg dry	35.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	101		mg/kg dry	35.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	101		mg/kg dry	35.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*139*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.49	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-7 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.49	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.49	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.49	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.49	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	37.5	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	7.49	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.49	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	7.49	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.49	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.49	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.49	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.49	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.49	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.49	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.49	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.49	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	37.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.49	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.49	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.49	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*52*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	15.0	1	SW846 8082	31-May-07	31-May-07	7052292	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	15.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	15.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	15.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	15.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	15.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	15.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	15.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	15.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	890	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	890	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	890	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	890	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	890	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	890	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	890	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	890	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-7 4'-8' SA62687-07	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	890	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	890	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	890	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	890	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	890	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	890	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	890	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	890	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	890	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	890	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	890	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	890	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	890	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	890	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	890	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	890	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	890	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	890	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	178	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	890	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	890	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	890	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	890	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	890	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	890	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	890	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	890	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	890	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	890	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	890	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	890	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	890	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	890	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	890	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	890	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	890	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	890	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	890	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-7 4'-8'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3560	2	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3560	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	890	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	890	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	890	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	890	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	890	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	890	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	890	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	890	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	890	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*49*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*47*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.89	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7440-38-2	Arsenic	6.13		mg/kg dry	1.89	1	"	"	"	"	"
7440-39-3	Barium	40.6		mg/kg dry	1.26	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.630	1	"	"	"	"	"
7440-47-3	Chromium	2.68		mg/kg dry	1.26	1	"	"	"	"	"
7439-97-6	Mercury	0.218		mg/kg dry	0.0399	1	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	93.1		mg/kg dry	1.89	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.89	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0215		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	73.9		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-8 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	63.5	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
67-64-1	Acetone	BRL		µg/kg dry	635	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	63.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	63.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	127	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	635	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	317	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	63.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	127	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	63.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	127	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	127	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	63.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	127	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	635	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	63.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	635	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	635	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	63.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-8 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	63.5	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
100-42-5	Styrene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	127	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	63.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	63.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	63.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	127	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	63.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	635	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	63.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	63.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	63.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	63.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	635	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1270	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	322	10	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	322	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	322	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	322	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	322	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	322	10	"	"	"	"	"
	Unidentified	629		mg/kg dry	322	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	322	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	629		mg/kg dry	322	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	629		mg/kg dry	322	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*156*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.97	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-8 2'-4' SA62687-08	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.97	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.97	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.97	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.97	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.8	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.97	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.97	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.97	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.97	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.97	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.97	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.97	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.97	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.97	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.97	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.97	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.97	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.97	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.97	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.97	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*34*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.9	1	SW846 8082	31-May-07	31-May-07	7052292	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	800	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	800	10	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	800	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	800	10	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	800	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	800	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	800	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	800	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-8 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	800	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	800	10	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	800	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	800	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	800	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	800	10	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	800	10	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	800	10	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	800	10	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	800	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	800	10	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	800	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	800	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	800	10	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	800	10	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	800	10	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	800	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	800	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	388	10	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	800	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	800	10	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	800	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	800	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	800	10	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	800	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	800	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	800	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	800	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	800	10	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	800	10	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	800	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	800	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	800	10	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	800	10	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	800	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	800	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	800	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	800	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-8 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3200	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3200	10	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	800	10	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	800	10	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	800	10	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	800	10	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	800	10	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	800	10	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	800	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	800	10	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	800	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*42*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*43*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7440-38-2	Arsenic	1.92		mg/kg dry	1.61	1	"	"	"	"	"
7440-39-3	Barium	42.7		mg/kg dry	1.07	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.537	1	"	"	"	"	"
7440-47-3	Chromium	3.00		mg/kg dry	1.07	1	"	"	"	"	"
7439-97-6	Mercury	0.0869		mg/kg dry	0.0326	1	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	19.1		mg/kg dry	1.61	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.9		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-9 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	57.4	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
67-64-1	Acetone	BRL		µg/kg dry	574	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	57.4	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	57.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	115	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	574	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	287	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	115	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	57.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	115	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	115	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	57.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	115	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	574	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	574	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	574	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	57.4	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-9 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	57.4	50	SW 846 8260B	02-Jun-07	02-Jun-07	7060136	ADU
100-42-5	Styrene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-88-3	Toluene	60.3		µg/kg dry	57.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	57.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	57.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	57.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	115	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	57.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	574	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	57.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	57.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	57.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	57.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	574	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1150	50	"	"	"	"	"
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*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	324	10	+CT ETPH	31-May-07	01-Jun-07	7052296	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	324	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	324	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	324	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	324	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	324	10	"	"	"	"	"
	Unidentified	819		mg/kg dry	324	10	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	324	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	819		mg/kg dry	324	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	819		mg/kg dry	324	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*139*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.60	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-9 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.60	1	SW846 8081A	30-May-07	01-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.60	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.60	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.60	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.0	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.60	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.60	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.60	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.60	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.60	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.60	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.60	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.60	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.60	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.60	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.60	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.60	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.60	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.60	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.60	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.2	1	SW846 8082	31-May-07	31-May-07	7052292	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	803	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	803	10	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	803	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	803	10	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	803	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	803	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	803	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	803	10	"	"	"	"	"

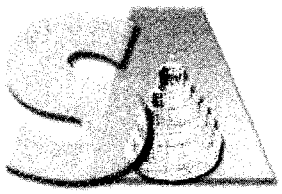
Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-9 2'-4' SA62687-09	301-88	Soil	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	803	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	803	10	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	803	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	803	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	803	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	803	10	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	803	10	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	803	10	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	803	10	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	803	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	803	10	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	803	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	803	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	803	10	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	803	10	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	803	10	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	803	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	803	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	390	10	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	803	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	803	10	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	803	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	803	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	803	10	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	803	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	803	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	803	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	803	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	803	10	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	803	10	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	803	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	803	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	803	10	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	803	10	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	803	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	803	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	803	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	803	10	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-9 2'-4'	301-88	Soil	23-May-07 00:00	24-May-07
SA62687-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3210	10	SW846 8270C	30-May-07	01-Jun-07	7052186	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3210	10	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	803	10	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	803	10	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	803	10	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	803	10	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	803	10	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	803	10	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	803	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	803	10	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	803	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*41*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*71*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7440-38-2	Arsenic	BRL		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	21.0		mg/kg dry	1.00	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.501	1	"	"	"	"	"
7440-47-3	Chromium	2.49		mg/kg dry	1.00	1	"	"	"	"	"
7439-97-6	Mercury	0.0346		mg/kg dry	0.0319	1	SW846 7471A	31-May-07	01-Jun-07	7052224	BT
7439-92-1	Lead	16.9		mg/kg dry	1.50	1	SW846 6010B	31-May-07	01-Jun-07	7052223	RM
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.7		%		1	SM2540 G Mod.	30-May-07	31-May-07	7052276	RD

Report Date:
07-Jun-07 16:47



☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: NHRY - Component Change Out Facility, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62705-01	CCO-10 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-02	CCO-12 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-03	CCO-14 4'-8'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-04	CCO-15 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-05	CCO-16 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-06	CCO-17 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-07	CCO-18 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-08	CCO-19 2'-4'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-09	CCO-20 4'-8'	Soil	24-May-07 00:00	25-May-07 13:07
SA62705-10	CCO-15 GW	Ground Water	24-May-07 00:00	25-May-07 13:07

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 116 pages of analytical data plus Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Technical Reviewer's Initial:

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-10 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.6	1	SW 846 8260B	02-Jun-07	02-Jun-07	7060141	RLJ
67-64-1	Acetone	60.6	VOC6	µg/kg dry	56.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	56.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	56.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	56.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	56.1	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-10 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	SW 846 8260B	02-Jun-07	02-Jun-07	7060141	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	56.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	56.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	295	2	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	295	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	295	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	295	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	295	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	295	2	"	"	"	"	"
	Unidentified	779		mg/kg dry	295	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	295	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	779		mg/kg dry	295	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	779		mg/kg dry	295	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*568*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.11	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-10 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.11	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.11	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.11	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.11	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.6	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.11	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.11	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.11	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.11	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.11	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.11	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.11	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.11	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.11	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.11	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.11	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.11	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*109*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	29.7	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	29.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	29.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	29.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	29.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	29.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	29.7	1	"	"	"	"	"
37324-23-5	PCB 1262	225		µg/kg dry	29.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	29.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	2200	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	2200	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	2200	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	2200	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	2200	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	2200	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	2200	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	3,050		µg/kg dry	2200	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-10 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	4,340		µg/kg dry	2200	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	5,050		µg/kg dry	2200	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	2,320		µg/kg dry	2200	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	4,250		µg/kg dry	2200	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	2200	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	2200	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	2200	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	2200	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	2200	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	2200	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	2200	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	2200	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	2200	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	2200	2	"	"	"	"	"
218-01-9	Chrysene	4,770		µg/kg dry	2200	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	2200	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	2200	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	2200	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	2200	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	2200	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	2200	2	"	"	"	"	"
206-44-0	Fluoranthene	4,410		µg/kg dry	2200	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	2200	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	2200	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	2200	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	2200	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	2200	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	2200	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	2200	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	2200	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	2200	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	2200	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	2200	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-10 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	8790	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	8790	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	2200	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	2200	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	2200	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	2200	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
129-00-0	Pyrene	6,220		µg/kg dry	2200	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	2200	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	2200	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	2200	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*76*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*74*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	16.2		mg/kg dry	1.57	1	"	"	"	"	"
7440-39-3	Barium	66.3		mg/kg dry	1.05	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.524	1	"	"	"	"	"
7440-47-3	Chromium	15.7		mg/kg dry	1.05	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.318	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	254		mg/kg dry	1.57	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0240		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.1		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-12 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	63.3	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
67-64-1	Acetone	BRL		µg/kg dry	633	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	63.3	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	63.3	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	127	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	633	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	316	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	127	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	63.3	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	127	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	127	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	63.3	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	127	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	633	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	633	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	633	50	"	"	"	"	"
91-20-3	Naphthalene	78.4		µg/kg dry	63.3	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-12 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	63.3	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
100-42-5	Styrene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-88-3	Toluene	223		µg/kg dry	63.3	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	63.3	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	63.3	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	63.3	50	"	"	"	"	"
1330-20-7	m,p-Xylene	167		µg/kg dry	127	50	"	"	"	"	"
95-47-6	o-Xylene	68.3		µg/kg dry	63.3	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	633	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	63.3	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	63.3	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	63.3	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	63.3	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	633	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1270	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.8	1	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	29.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.8	1	"	"	"	"	"
	Unidentified	86.7		mg/kg dry	29.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	29.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	86.7		mg/kg dry	29.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	86.7		mg/kg dry	29.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*147*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.40	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-12 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.40	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.40	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.40	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.40	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.40	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.40	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.40	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.40	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.40	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.40	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.40	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.40	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.40	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.40	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*88*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	30.2	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	30.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	30.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	30.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	30.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	30.2	1	"	"	"	"	"
11096-82-5	PCB 1260	52.9		µg/kg dry	30.2	1	"	"	"	"	"
37324-23-5	PCB 1262	40.8		µg/kg dry	30.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	30.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	740	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	740	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	740	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	740	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	740	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	740	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	740	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	740	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-12 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	740	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	740	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	740	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	740	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	740	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	740	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	740	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	740	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	740	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	740	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	740	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	740	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	740	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	740	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	740	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	740	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	740	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	740	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	740	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	740	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	740	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	740	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	740	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	740	1	"	"	"	"	"
206-44-0	Fluoranthene	816		µg/kg dry	740	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	740	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	740	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	740	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	740	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	740	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	740	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	740	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	740	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	740	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	740	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	740	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	740	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	740	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-12 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2960	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2960	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	740	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	740	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	740	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	740	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	740	1	"	"	"	"	"
129-00-0	Pyrene	768		µg/kg dry	740	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	740	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	740	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	740	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.51	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	7.41		mg/kg dry	1.51	1	"	"	"	"	"
7440-39-3	Barium	171		mg/kg dry	1.01	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.504	1	"	"	"	"	"
7440-47-3	Chromium	14.2		mg/kg dry	1.01	1	"	"	"	"	"
7439-97-6	Mercury	0.407		mg/kg dry	0.313	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	603		mg/kg dry	1.51	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.51	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	0.0441		mg/l	0.0250	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	0.00036		mg/l	0.00020	1	SW846 1312/7470A	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.142		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.2		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-14 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	9.2	1	SW 846 8260B	01-Jun-07	01-Jun-07	7060083	RLJ
67-64-1	Acetone	BRL		µg/kg dry	91.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	18.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	91.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	45.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	18.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	18.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	18.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	18.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	91.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	91.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	91.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	9.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-14 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.2	1	SW 846 8260B	01-Jun-07	01-Jun-07	7060083	RLJ
100-42-5	Styrene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
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	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	18.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	91.8	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	91.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	184	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*88*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.5	1	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	36.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	Unidentified	159		mg/kg dry	36.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	159		mg/kg dry	36.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	159		mg/kg dry	36.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*157*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.14	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-14 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.14	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.14	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.14	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.14	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	35.7	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	7.14	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.14	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	7.14	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.14	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.14	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.14	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.14	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.14	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.14	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.14	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.14	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	35.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.14	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.14	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.14	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*58*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*74*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	39.3	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	39.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	39.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	39.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	39.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	39.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	39.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	39.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	39.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	907	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	907	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	907	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	907	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	907	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	907	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	907	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	907	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-14 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	907	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	907	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	907	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	907	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	907	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	907	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	907	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	907	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	907	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	907	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	907	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	907	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	907	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	907	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	907	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	907	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	907	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	907	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	907	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	907	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	907	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	907	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	907	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	907	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	907	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	907	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	907	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	907	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	907	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	907	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	907	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	907	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	907	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	907	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	907	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	907	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	907	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	907	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-14 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3630	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3630	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	907	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	907	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	907	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	907	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	907	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	907	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	907	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	907	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	907	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*56*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.95	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	10.0		mg/kg dry	1.95	1	"	"	"	"	"
7440-39-3	Barium	52.6		mg/kg dry	1.30	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.650	1	"	"	"	"	"
7440-47-3	Chromium	5.18		mg/kg dry	1.30	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.409	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	133		mg/kg dry	1.95	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.95	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0256		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	71.1		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	69.3	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
67-64-1	Acetone	BRL		µg/kg dry	693	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	69.3	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	69.3	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	139	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	693	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	346	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	139	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	69.3	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	139	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	139	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	69.3	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	139	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	693	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	693	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	693	50	"	"	"	"	"
91-20-3	Naphthalene	70.7		µg/kg dry	69.3	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	69.3	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
100-42-5	Styrene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-88-3	Toluene	139		µg/kg dry	69.3	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	69.3	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	69.3	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	69.3	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	139	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	69.3	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	693	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	69.3	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	69.3	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	69.3	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	69.3	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	693	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1390	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*86*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	152	5	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	152	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	152	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	152	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	152	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	152	5	"	"	"	"	"
	Unidentified	283		mg/kg dry	152	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	152	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	283		mg/kg dry	152	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	283		mg/kg dry	152	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*178*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.40	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.40	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.40	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.40	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.40	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.40	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.40	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.40	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.40	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.40	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.40	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.40	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.40	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.40	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.40	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.40	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.40	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*141*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	32.2	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	32.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	32.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	32.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	32.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	32.2	1	"	"	"	"	"
11096-82-5	PCB 1260	228		µg/kg dry	32.2	1	"	"	"	"	"
37324-23-5	PCB 1262	177		µg/kg dry	32.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	32.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	452	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	452	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	452	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	452	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	452	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	452	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	452	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	452	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	452	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	475		µg/kg dry	452	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	452	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	452	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	452	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	452	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	452	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	452	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	452	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	452	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	452	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	452	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	452	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	452	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	452	2	"	"	"	"	"
218-01-9	Chrysene	685		µg/kg dry	452	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	452	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	452	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	452	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	452	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	452	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	452	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	452	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	452	2	"	"	"	"	"
206-44-0	Fluoranthene	673		µg/kg dry	452	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	452	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	452	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	452	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	452	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	452	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	452	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	452	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	452	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	452	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	452	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	452	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	452	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	452	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1810	2	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1810	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	452	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	452	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	452	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	452	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	452	2	"	"	"	"	"
129-00-0	Pyrene	847		µg/kg dry	452	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	452	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	452	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	452	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.63	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	12.0		mg/kg dry	1.63	1	"	"	"	"	"
7440-39-3	Barium	93.9		mg/kg dry	1.09	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	0.767		mg/kg dry	0.544	1	"	"	"	"	"
7440-47-3	Chromium	16.2		mg/kg dry	1.09	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.343	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	270		mg/kg dry	1.63	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.63	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0581		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.7		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-16 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	7.7	1	SW 846 8260B	30-May-07	31-May-07	7052253	RLJ
67-64-1	Acetone	BRL		µg/kg dry	76.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-16 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	SW 846 8260B	30-May-07	31-May-07	7052253	RLJ
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	154	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*79*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*91*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	166	5	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	166	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	166	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	166	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	166	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	166	5	"	"	"	"	"
	Unidentified	232		mg/kg dry	166	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	166	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	232		mg/kg dry	166	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	232		mg/kg dry	166	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*175*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.93	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-16 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.93	1	SW846 8081A	30-May-07	03-Jun-07	7052183	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.93	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.93	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.93	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	34.7	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.93	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.93	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.93	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.93	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.93	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.93	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.93	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.93	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.93	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.93	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.93	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.93	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	34.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.93	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.93	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.93	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*89*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	34.8	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	34.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	34.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	34.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	34.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	34.8	1	"	"	"	"	"
11096-82-5	PCB 1260	74.7		µg/kg dry	34.8	1	"	"	"	"	"
37324-23-5	PCB 1262	60.8		µg/kg dry	34.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	34.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	823	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	823	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	823	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	823	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	823	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	823	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	823	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	881		µg/kg dry	823	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-16 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	980		µg/kg dry	823	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	1,020		µg/kg dry	823	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	823	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	941		µg/kg dry	823	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	823	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	823	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	823	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	823	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	823	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	823	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	823	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	823	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	823	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	823	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	823	1	"	"	"	"	"
218-01-9	Chrysene	1,080		µg/kg dry	823	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	823	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	823	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	823	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	823	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	823	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	823	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	823	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	823	1	"	"	"	"	"
206-44-0	Fluoranthene	2,000		µg/kg dry	823	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	823	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	823	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	823	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	823	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	823	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	823	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	823	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	823	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	823	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	823	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	823	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	823	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	823	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-16 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3290	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3290	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	823	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	823	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	823	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
85-01-8	Phenanthrene	920		µg/kg dry	823	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	823	1	"	"	"	"	"
129-00-0	Pyrene	1,950		µg/kg dry	823	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	823	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	823	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	823	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	14.1		mg/kg dry	1.57	1	"	"	"	"	"
7440-39-3	Barium	95.4		mg/kg dry	1.05	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	0.586		mg/kg dry	0.523	1	"	"	"	"	"
7440-47-3	Chromium	10.0		mg/kg dry	1.05	1	"	"	"	"	"
7439-97-6	Mercury	0.523		mg/kg dry	0.370	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	336		mg/kg dry	1.57	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.0675		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.0		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-17 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	80.1	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
67-64-1	Acetone	BRL		µg/kg dry	801	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	80.1	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	80.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	160	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	801	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	400	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	160	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	80.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	160	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	160	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	80.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	160	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	801	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	801	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	801	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	80.1	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-17 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	80.1	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
100-42-5	Styrene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-88-3	Toluene	84.1		µg/kg dry	80.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	80.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	80.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	80.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	160	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	80.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	801	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	80.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	80.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	80.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	80.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	801	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1600	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.6	1	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	33.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.6	1	"	"	"	"	"
	Unidentified	85.0		mg/kg dry	33.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	33.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	85.0		mg/kg dry	33.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	85.0		mg/kg dry	33.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*157*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.29	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-17 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.29	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.29	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.29	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.29	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	36.4	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	7.29	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.29	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	7.29	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.29	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.29	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.29	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.29	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.29	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.29	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.29	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.29	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	36.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.29	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.29	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.29	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*38*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.6	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	833	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	833	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	833	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	833	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	833	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	833	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	833	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	833	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-17 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	833	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	833	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	833	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	833	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	833	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	833	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	833	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	833	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	833	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	833	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	833	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	833	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	833	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	833	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	833	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	833	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	833	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	833	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	833	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	833	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	833	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	833	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	833	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	833	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	833	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	833	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	833	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	833	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	833	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	833	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	833	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	833	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	833	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	833	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	833	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	833	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	833	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	833	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-17 2'-4' SA62705-06	301-88	Soil	24-May-07 00:00	25-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3330	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3330	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	833	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	833	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	833	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	833	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	833	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	833	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	833	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	833	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	833	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*66*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.69	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	9.43		mg/kg dry	1.69	1	"	"	"	"	"
7440-39-3	Barium	47.5		mg/kg dry	1.13	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.563	1	"	"	"	"	"
7440-47-3	Chromium	3.97		mg/kg dry	1.13	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.378	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	18.8		mg/kg dry	1.69	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.69	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.2		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-18 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	86.4	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
67-64-1	Acetone	BRL		µg/kg dry	864	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	86.4	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	86.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	173	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	864	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	432	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	173	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	86.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	173	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	173	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	86.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	173	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	864	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	864	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	864	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	86.4	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-18 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	86.4	50	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
100-42-5	Styrene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	86.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	86.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	86.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	173	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	86.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	864	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	86.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	86.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	86.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	86.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	864	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1730	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*84*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	36.1	1	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	36.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.1	1	"	"	"	"	"
	Unidentified	66.3		mg/kg dry	36.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	66.3		mg/kg dry	36.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	66.3		mg/kg dry	36.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*152*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	7.39	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-18 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	7.39	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG
319-85-7	b-BHC	BRL		µg/kg dry	7.39	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.39	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.39	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	36.9	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	7.39	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	7.39	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	7.39	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.39	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.39	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.39	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.39	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.39	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.39	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.39	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.39	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	36.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.39	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.39	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.39	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*47*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*86*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	14.8	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	14.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	14.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	14.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	14.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	14.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	896	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	896	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	896	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	896	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	896	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	896	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	896	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	896	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-18 2'-4' SA62705-07	301-88	Soil	24-May-07 00:00	25-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	896	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	896	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	896	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	896	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	896	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	896	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	896	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	896	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	896	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	896	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	896	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	896	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	896	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	896	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	896	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	896	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	896	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	896	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	896	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	896	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	896	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	896	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	896	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	896	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	896	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	896	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	896	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	896	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	896	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	896	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	896	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	896	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	896	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	896	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	896	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	896	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	896	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	896	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-18 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3580	1	SW846 8270C	31-May-07	04-Jun-07	7052303	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3580	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	896	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	896	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	896	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	896	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	896	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	896	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	896	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	896	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	896	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*64*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.75	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	12.2		mg/kg dry	1.75	1	"	"	"	"	"
7440-39-3	Barium	66.7		mg/kg dry	1.17	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.584	1	"	"	"	"	"
7440-47-3	Chromium	4.86		mg/kg dry	1.17	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.382	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	19.4		mg/kg dry	1.75	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.75	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.0		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-19 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	68.2	100	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
67-64-1	Acetone	BRL		µg/kg dry	682	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	68.2	100	"	"	"	"	"
71-43-2	Benzene	330		µg/kg dry	68.2	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	68.2	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	136	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	682	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	341	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	68.2	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	136	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	68.2	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	136	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	136	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	68.2	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	136	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
100-41-4	Ethylbenzene	143		µg/kg dry	68.2	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	682	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	68.2	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	682	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	682	100	"	"	"	"	"
91-20-3	Naphthalene	893		µg/kg dry	68.2	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-19 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	68.2	100	SW 846 8260B	05-Jun-07	05-Jun-07	7060309	JRO
100-42-5	Styrene	90.0		µg/kg dry	68.2	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
108-88-3	Toluene	612		µg/kg dry	68.2	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	68.2	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	68.2	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	393		µg/kg dry	68.2	100	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	68.2	100	"	"	"	"	"
1330-20-7	m,p-Xylene	477		µg/kg dry	136	100	"	"	"	"	"
95-47-6	o-Xylene	276		µg/kg dry	68.2	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	682	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	68.2	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	68.2	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	68.2	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	68.2	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	682	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1360	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*88*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	59.0	2	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	59.0	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	59.0	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	59.0	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	59.0	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	59.0	2	"	"	"	"	"
	Unidentified	3,980		mg/kg dry	59.0	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	59.0	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	3,980		mg/kg dry	59.0	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	3,980		mg/kg dry	59.0	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*6784*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.43	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-19 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.43	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.43	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.43	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.43	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.2	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.43	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.43	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.43	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.43	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.43	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.43	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.43	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.43	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.43	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.43	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.43	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.43	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.43	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.43	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.43	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*191*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.9	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	4,740		µg/kg dry	3660	5	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
208-96-8	Acenaphthylene	7,060		µg/kg dry	3660	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	3660	5	"	"	"	"	"
120-12-7	Anthracene	11,800		µg/kg dry	3660	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	3660	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	3660	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	3660	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	25,800		µg/kg dry	3660	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-19 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	48,700		µg/kg dry	3660	5	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
205-99-2	Benzo (b) fluoranthene	25,200		µg/kg dry	3660	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	24,600		µg/kg dry	3660	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	19,300		µg/kg dry	3660	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	3660	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	3660	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	3660	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	3660	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	3660	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	3660	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	3660	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	3660	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	3660	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	3660	5	"	"	"	"	"
218-01-9	Chrysene	37,400		µg/kg dry	3660	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	4,280		µg/kg dry	3660	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	3660	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	3660	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	3660	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	3660	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	3660	5	"	"	"	"	"
206-44-0	Fluoranthene	34,700		µg/kg dry	3660	5	"	"	"	"	"
86-73-7	Fluorene	8,650		µg/kg dry	3660	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3660	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	3660	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	3660	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	14,900		µg/kg dry	3660	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	3660	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	3660	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	3660	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	3660	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	3660	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	3660	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-19 2'-4'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	14600	5	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	14600	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	3660	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	3660	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	3660	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
85-01-8	Phenanthrene	24,200		µg/kg dry	3660	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
129-00-0	Pyrene	104,000		µg/kg dry	3660	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	3660	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3660	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	3660	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*73*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*95*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*68*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.72	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	3.37		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	18.6		mg/kg dry	1.14	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	BRL		mg/kg dry	0.572	1	"	"	"	"	"
7440-47-3	Chromium	6.50		mg/kg dry	1.14	1	"	"	"	"	"
7439-97-6	Mercury	BRL	R01	mg/kg dry	0.342	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	634		mg/kg dry	1.72	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.72	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0250	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	"	01-Jun-07	7052312	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.0		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-20 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	29-May-07	29-May-07	7052171	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.5	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060182	RLJ
67-64-1	Acetone	BRL		µg/kg dry	55.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-43-2	Benzene	27.7		µg/kg dry	5.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	27.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	55.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	55.3	1	"	"	"	"	"
91-20-3	Naphthalene	15.0		µg/kg dry	5.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-20 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	SW 846 8260B	04-Jun-07	04-Jun-07	7060182	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-88-3	Toluene	10.8		µg/kg dry	5.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	7.0		µg/kg dry	5.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	"
95-47-6	o-Xylene	18.4		µg/kg dry	5.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.1	1	+CT ETPH	01-Jun-07	04-Jun-07	7060011	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	28.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Unidentified	888		mg/kg dry	28.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	888		mg/kg dry	28.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	888		mg/kg dry	28.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*1671*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.90	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-20 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.90	1	SW846 8081A	31-May-07	04-Jun-07	7052299	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.90	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.90	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.90	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.5	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.90	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.90	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.90	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.90	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.90	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.90	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.90	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.90	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.90	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.90	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.90	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.90	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.90	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.90	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.90	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*165*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.8	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.8	1	"	"	"	"	"
37324-23-5	PCB 1262	27.1		µg/kg dry	11.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1380	2	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
208-96-8	Acenaphthylene	1,840		µg/kg dry	1380	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1380	2	"	"	"	"	"
120-12-7	Anthracene	2,630		µg/kg dry	1380	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1380	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1380	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1380	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	6,690		µg/kg dry	1380	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-20 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	8,850		µg/kg dry	1380	2	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
205-99-2	Benzo (b) fluoranthene	6,860		µg/kg dry	1380	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	5,950		µg/kg dry	1380	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	4,390		µg/kg dry	1380	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1380	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1380	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1380	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1380	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1380	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1380	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1380	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1380	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1380	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1380	2	"	"	"	"	"
218-01-9	Chrysene	9,770		µg/kg dry	1380	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1380	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1380	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1380	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1380	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1380	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1380	2	"	"	"	"	"
206-44-0	Fluoranthene	10,200		µg/kg dry	1380	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1380	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1380	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1380	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1380	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	3,640		µg/kg dry	1380	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	1,800		µg/kg dry	1380	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1380	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	1,570		µg/kg dry	1380	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
91-20-3	Naphthalene	3,080		µg/kg dry	1380	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1380	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1380	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-20 4'-8'	301-88	Soil	24-May-07 00:00	25-May-07
SA62705-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5530	2	SW846 8270C	01-Jun-07	04-Jun-07	7060013	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5530	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1380	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1380	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1380	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
85-01-8	Phenanthrene	10,400		µg/kg dry	1380	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
129-00-0	Pyrene	23,600		µg/kg dry	1380	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1380	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1380	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1380	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*68*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*65*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	SW846 6010B	02-Jun-07	04-Jun-07	7052354	SA/
7440-38-2	Arsenic	14.1		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	135		mg/kg dry	1.01	1	"	"	"	"	SA/LR
7440-43-9	Cadmium	3.53		mg/kg dry	0.505	1	"	"	"	"	"
7440-47-3	Chromium	12.8		mg/kg dry	1.01	1	"	"	"	"	"
7439-97-6	Mercury	1.63		mg/kg dry	0.312	10	SW846 7471A	"	07-Jun-07	7052355	BT
7439-92-1	Lead	1,790		mg/kg dry	1.52	1	SW846 6010B	"	04-Jun-07	7052354	SA/
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	SA/LR
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	30-May-07	30-May-07	7052259	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	31-May-07	01-Jun-07	7052311	HB
7440-38-2	Arsenic	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-39-3	Barium	0.0469		mg/l	0.0250	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	0.00035		mg/l	0.00020	1	SW846 1312/7470A	"	01-Jun-07	7052312	BT
7439-92-1	Lead	0.117		mg/l	0.0150	1	SW846 1312/6010B	"	01-Jun-07	7052311	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.1		%		1	SM2540 G Mod.	01-Jun-07	01-Jun-07	7060029	RD

Report Date:
06-Jun-07 11:11

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: NHRY - Component Change Out Facility, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62769-01	CCO-11 4'-8'	Soil	25-May-07 00:00	29-May-07 14:08
SA62769-02	CCO-13 2'-4'	Soil	25-May-07 00:00	29-May-07 14:08
SA62769-03	CCO-13 GW	Ground Water	25-May-07 00:00	29-May-07 14:08

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 59 pages of analytical data plus Chain of Custody document(s).
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Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Technical Reviewer's Initial:

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-11 4'-8'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	30-May-07	30-May-07	7052271	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	6.2	1	SW 846 8260B	01-Jun-07	02-Jun-07	7060085	RLJ
67-64-1	Acetone	BRL		µg/kg dry	62.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-11 4'-8'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	SW 846 8260B	01-Jun-07	02-Jun-07	7060085	RLJ
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*85*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	14.8	1	+CT ETPH	01-Jun-07	05-Jun-07	7060014	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	14.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	14.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	14.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	14.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	14.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	14.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	14.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*45*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.56	1	SW846 8081A	01-Jun-07	03-Jun-07	7060020	TG

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CCO-11 4'-8'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.56	1	SW846 8081A	01-Jun-07	03-Jun-07	7060020	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.56	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.56	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.56	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.8	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.56	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.56	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.56	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.56	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.56	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.56	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.56	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.56	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.56	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.56	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.56	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.56	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.56	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.56	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.56	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*42*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*79*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	31.4	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	31.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	31.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	31.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	31.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	31.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	31.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	31.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	31.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	368	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	368	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	368	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	368	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	368	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	368	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	368	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-11 4'-8'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	368	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	368	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	368	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	368	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	368	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	368	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	368	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	368	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	368	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	368	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	368	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	368	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	368	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	368	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	368	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	368	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	368	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	368	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	368	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	368	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	368	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	368	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	368	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	368	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	368	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	368	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	368	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-11 4'-8'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1470	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1470	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	368	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	368	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	368	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	368	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	368	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	368	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	368	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	368	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	368	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*62*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	SW846 6010B	04-Jun-07	05-Jun-07	7060101	SA
7440-38-2	Arsenic	1.71		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	11.7		mg/kg dry	1.04	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.519	1	"	"	"	"	"
7440-47-3	Chromium	4.79		mg/kg dry	1.04	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/kg dry	0.0344	1	SW846 7471A	"	05-Jun-07	7060102	LR
7439-92-1	Lead	3.27		mg/kg dry	1.56	1	SW846 6010B	"	05-Jun-07	7060101	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	01-Jun-07	01-Jun-07	7060120	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	04-Jun-07	04-Jun-07	7060208	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	05-Jun-07	7060209	Win
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	04-Jun-07	7060208	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.0		%		1	SM2540 G Mod.	04-Jun-07	04-Jun-07	7060191	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 2'-4'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	30-May-07	30-May-07	7052271	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	65.1	50	SW 846 8260B	04-Jun-07	05-Jun-07	7060249	ADU
67-64-1	Acetone	BRL		µg/kg dry	651	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	65.1	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	65.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	130	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	651	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	326	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	130	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	65.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	130	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	130	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	65.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	130	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	651	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	651	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	651	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	65.1	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 2'-4'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	65.1	50	SW 846 8260B	04-Jun-07	05-Jun-07	7060249	ADU
100-42-5	Styrene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	65.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	65.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	65.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	130	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	65.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	651	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	65.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	65.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	65.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	65.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	651	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1300	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*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 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	29.3	1	+CT ETPH	01-Jun-07	05-Jun-07	7060014	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	29.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	29.3	1	"	"	"	"	"
	Unidentified	39.2		mg/kg dry	29.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	29.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	39.2		mg/kg dry	29.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	39.2		mg/kg dry	29.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*67*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	5.42	1	SW846 8081A	01-Jun-07	03-Jun-07	7060020	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 2'-4'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	5.42	1	SW846 8081A	01-Jun-07	03-Jun-07	7060020	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.42	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.42	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.42	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.42	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.42	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.42	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.42	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.42	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.42	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.42	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.42	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.42	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.42	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.42	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.42	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.42	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.42	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.42	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg dry	30.8	1	SW846 8082	31-May-07	02-Jun-07	7052301	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	30.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	30.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	30.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	30.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	30.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	30.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	30.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	30.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	727	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	727	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	727	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	727	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	727	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	727	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	727	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	727	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 2'-4'	301-88	Soil	25-May-07 00:00	29-May-07
SA62769-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	727	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	727	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	727	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	727	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	727	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	727	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	727	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	727	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	727	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	727	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	727	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	727	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	727	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	727	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	727	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	727	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	727	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	727	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	727	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	727	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	727	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	727	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	727	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	727	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	727	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	727	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	727	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	727	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	727	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	727	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	727	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	727	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	727	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	727	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	727	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	727	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	727	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	727	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 2'-4' SA62769-02	301-88	Soil	25-May-07 00:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2910	1	SW846 8270C	01-Jun-07	05-Jun-07	7060114	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2910	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	727	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	727	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	727	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	727	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	727	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	727	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	727	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	727	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	727	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*61*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*73*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	SW846 6010B	04-Jun-07	05-Jun-07	7060101	SA
7440-38-2	Arsenic	14.9		mg/kg dry	1.49	1	"	"	"	"	"
7440-39-3	Barium	58.8		mg/kg dry	0.994	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.497	1	"	"	"	"	"
7440-47-3	Chromium	7.13		mg/kg dry	0.994	1	"	"	"	"	"
7439-97-6	Mercury	0.296		mg/kg dry	0.0334	1	SW846 7471A	"	05-Jun-07	7060102	LR
7439-92-1	Lead	347		mg/kg dry	1.49	1	SW846 6010B	"	05-Jun-07	7060101	SA
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	01-Jun-07	01-Jun-07	7060120	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	04-Jun-07	05-Jun-07	7060208	HB
7440-38-2	Arsenic	0.0275		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0868		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	0.0118		mg/l	0.0100	1	"	"	"	"	"
7439-97-6	Mercury	0.00054		mg/l	0.00020	1	SW846 1312/7470A	"	05-Jun-07	7060209	Win
7439-92-1	Lead	0.701		mg/l	0.0150	1	SW846 1312/6010B	"	05-Jun-07	7060208	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.5		%		1	SM2540 G Mod.	04-Jun-07	04-Jun-07	7060191	RD

APPENDIX D
Ballast Sample
Laboratory Reports

Report Date:
31-May-07 12:28

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: NHRY - Component Change Out Facility, CT
Project 301-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA62320-01	CCOB-4	Ballast	16-May-07 00:00	17-May-07 12:55
SA62320-02	CCOB-5	Ballast	16-May-07 00:00	17-May-07 12:55
SA62320-03	CCOB-6	Ballast	16-May-07 00:00	17-May-07 12:55
SA62320-04	CCOB-7	Ballast	16-May-07 00:00	17-May-07 12:55
SA62320-05	CCOB-8	Ballast	16-May-07 00:00	17-May-07 12:55
SA62320-06	CCOC-3	Concrete	16-May-07 00:00	17-May-07 12:55
SA62320-07	CCOC-4	Concrete	16-May-07 00:00	17-May-07 12:55
SA62320-08	CCOC-5	Concrete	16-May-07 00:00	17-May-07 12:55
SA62320-09	CCOC-6	Concrete	16-May-07 00:00	17-May-07 12:55
SA62320-10	CCOT-2	Wood	16-May-07 00:00	17-May-07 12:55
SA62320-11	CCOB-1	Ballast	15-May-07 00:00	17-May-07 12:55
SA62320-12	CCOB-2	Ballast	15-May-07 00:00	17-May-07 12:55
SA62320-13	CCOB-3	Ballast	15-May-07 00:00	17-May-07 12:55
SA62320-14	CCOC-1	Concrete	15-May-07 00:00	17-May-07 12:55
SA62320-15	CCOC-2	Concrete	15-May-07 00:00	17-May-07 12:55
SA62320-16	CCOT-1	Wood	15-May-07 00:00	17-May-07 12:55
SA62320-17	TB-1	Ground Water	16-May-07 00:00	17-May-07 12:55

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 145 pages of analytical data plus Chain of Custody document(s).
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Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH NELAC

Authorized by:

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

Technical Reviewer's Initial:

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-1	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	4.6	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
67-64-1	Acetone	261	VOC6	µg/kg	45.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	4.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	4.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	4.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	4.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	4.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	9.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	69.1	VOC6	µg/kg	45.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	22.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	4.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	9.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	4.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	9.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	4.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	4.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	9.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	4.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	4.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	4.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	9.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	4.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	4.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	4.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	4.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	4.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	4.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	4.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	4.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	4.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	4.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	45.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	4.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	4.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	45.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	45.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	4.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-1	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	4.6	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
100-42-5	Styrene	BRL		µg/kg	4.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	4.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	4.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	4.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	4.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	4.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	4.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	4.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	4.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	9.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	4.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	45.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	4.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	4.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	4.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	4.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	45.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	91.6	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*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	32.7	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	32.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	32.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	32.7	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg	32.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	32.7	1	"	"	"	"	"
	Unidentified	39.7		mg/kg	32.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	32.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	39.7		mg/kg	32.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	39.7		mg/kg	32.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	27.9	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-1	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	27.9	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	27.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	27.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	27.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	140	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	27.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	27.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	27.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	27.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	27.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	27.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	27.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	27.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	27.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	27.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	27.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	27.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	140	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	27.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	27.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	27.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*72*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	55.8	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	55.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	55.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	55.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	55.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	55.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	55.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	55.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	55.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	811	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	811	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	811	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	811	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	811	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	811	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	811	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	811	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-1	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	811	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	811	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	811	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	811	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	811	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	811	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	811	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	811	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	811	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	811	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	811	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	811	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	811	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	811	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	811	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	811	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	811	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	811	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	811	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	811	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	811	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	811	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	811	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	811	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg	811	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	811	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	811	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	811	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	811	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	811	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	811	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	811	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	811	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	811	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	811	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	811	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	811	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	811	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	811	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	811	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	811	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	811	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	811	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	811	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	811	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	811	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	811	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	811	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	811	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	811	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-1	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3250	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	811	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	811	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3250	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	811	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	811	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	811	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	811	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	811	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	811	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	811	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	811	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	811	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	811	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	811	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0299	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.36	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.36	1	"	"	"	"	"
7440-39-3	Barium	8.38		mg/kg	0.906	1	"	"	"	"	"
7440-43-9	Cadmium	0.598		mg/kg	0.453	1	"	"	"	"	"
7440-47-3	Chromium	2.12		mg/kg	0.906	1	"	"	"	"	"
7439-92-1	Lead	2.76		mg/kg	1.36	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.36	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051693	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051727	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051728	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051727	LR/
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-2	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	50.0	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
67-64-1	Acetone	BRL		µg/kg	500	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	50.0	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	50.0	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	50.0	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	50.0	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	50.0	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	100	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	500	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	250	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	50.0	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	100	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	50.0	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	100	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	50.0	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	50.0	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	100	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	50.0	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	50.0	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	50.0	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	100	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	50.0	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	50.0	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	50.0	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	50.0	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	50.0	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	50.0	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	50.0	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	50.0	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	50.0	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	50.0	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	500	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	50.0	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	50.0	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	500	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	500	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	50.0	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-2	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	50.0	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
100-42-5	Styrene	BRL		µg/kg	50.0	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	50.0	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	50.0	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	50.0	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	50.0	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	50.0	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	50.0	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	50.0	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	50.0	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	100	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	50.0	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	500	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	50.0	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	50.0	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	50.0	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	50.0	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	500	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	1000	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	31.6	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	31.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	31.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	31.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	31.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	31.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	31.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	31.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	31.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	31.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*100*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	28.0	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-2	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	28.0	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	28.0	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	28.0	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	28.0	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	140	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	28.0	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	28.0	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	28.0	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	28.0	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	28.0	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	28.0	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	28.0	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	28.0	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	28.0	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	28.0	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	28.0	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	28.0	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	140	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	28.0	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	28.0	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	28.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*42*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*43*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	56.0	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	56.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	56.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	56.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	56.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	56.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	56.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	56.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	56.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	784	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	784	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	784	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	784	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	784	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	784	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	784	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	784	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-2 SA62320-12	301-88	Ballast	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	784	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	784	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	784	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	784	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	784	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	784	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	784	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	784	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	784	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	784	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	784	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	784	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	784	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	784	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	784	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	784	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	784	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	784	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	784	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	784	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	784	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	784	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	784	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	784	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	784	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	784	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	784	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	784	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	784	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	784	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	784	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	784	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	784	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	784	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	784	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	784	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	784	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	784	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	784	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	784	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	784	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	784	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	784	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	784	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	784	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	784	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	784	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	784	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	784	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	784	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-2	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3140	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	784	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	784	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3140	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	784	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	784	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	784	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	784	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	784	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	784	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	784	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	784	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	784	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	784	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	784	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*59*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0299	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.41	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.41	1	"	"	"	"	"
7440-39-3	Barium	9.04		mg/kg	0.940	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg	0.470	1	"	"	"	"	"
7440-47-3	Chromium	1.47		mg/kg	0.940	1	"	"	"	"	"
7439-92-1	Lead	2.26		mg/kg	1.41	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.41	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051693	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051727	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051728	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051727	LR/
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-3	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	5.4	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
67-64-1	Acetone	179	VOC6	µg/kg	54.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	5.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	5.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	5.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	5.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	5.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	10.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	54.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	27.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	5.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	10.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	10.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	5.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	5.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	10.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	5.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	5.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	5.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	10.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	5.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	5.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	5.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	5.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	5.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	5.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	5.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	5.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	5.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	5.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	54.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	5.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	5.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	54.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	54.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	5.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-3	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	5.4	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
100-42-5	Styrene	BRL		µg/kg	5.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	5.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	5.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	5.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	5.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	5.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	5.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	5.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	5.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	10.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	54.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	5.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	5.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	5.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	5.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	54.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	109	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	31.9	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	31.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	31.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	31.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	31.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	31.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	31.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	31.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	31.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	31.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	32.4	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-3	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	32.4	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	32.4	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	32.4	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	32.4	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	162	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	32.4	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	32.4	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	32.4	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	32.4	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	32.4	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	32.4	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	32.4	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	32.4	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	32.4	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	32.4	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	32.4	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	32.4	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	162	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	32.4	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	32.4	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	32.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*71*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	64.9	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	64.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	64.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	64.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	64.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	64.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	64.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	64.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	64.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	792	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	792	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	792	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	792	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	792	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	792	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	792	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	792	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-3	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	792	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	792	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	792	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	792	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	792	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	792	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	792	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	792	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	792	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	792	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	792	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	792	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	792	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	792	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	792	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	792	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	792	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	792	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	792	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	792	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	792	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	792	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	792	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	792	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	792	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	792	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	792	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	792	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	792	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	792	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	792	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	792	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	792	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	792	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	792	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	792	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	792	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	792	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	792	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	792	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	792	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	792	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	792	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	792	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	792	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	792	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	792	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	792	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	792	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	792	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-3	301-88	Ballast	15-May-07 00:00	17-May-07
SA62320-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3170	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	792	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	792	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3170	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	792	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	792	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	792	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	792	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	792	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	792	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	792	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	792	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	792	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	792	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	792	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*48*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*46*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*43*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0299	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.42	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.42	1	"	"	"	"	"
7440-39-3	Barium	10.5		mg/kg	0.949	1	"	"	"	"	"
7440-43-9	Cadmium	0.508		mg/kg	0.475	1	"	"	"	"	"
7440-47-3	Chromium	1.35		mg/kg	0.949	1	"	"	"	"	"
7439-92-1	Lead	2.85		mg/kg	1.42	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.42	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051693	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051727	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051728	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051727	LR/
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-4	301-88	Ballast	16-May-07 00:00	17-May-07
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CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	50.8	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
67-64-1	Acetone	BRL		µg/kg	508	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	50.8	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	50.8	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	50.8	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	50.8	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	50.8	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	102	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	508	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	254	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	50.8	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	102	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	50.8	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	102	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	50.8	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	50.8	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	102	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	50.8	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	50.8	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	50.8	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	102	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	50.8	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	50.8	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	50.8	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	50.8	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	50.8	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	50.8	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	50.8	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	50.8	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	50.8	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	50.8	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	508	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	50.8	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	50.8	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	508	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	508	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	50.8	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-4	301-88	Ballast	16-May-07 00:00	17-May-07
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CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	50.8	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
100-42-5	Styrene	BRL		µg/kg	50.8	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	50.8	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	50.8	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	50.8	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	50.8	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	50.8	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	50.8	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	50.8	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	50.8	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	102	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	50.8	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	508	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	50.8	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	50.8	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	50.8	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	50.8	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	508	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	1020	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	30.8	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	30.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	30.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	30.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	30.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	30.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	30.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	30.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	30.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	30.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	29.5	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-4	301-88	Ballast	16-May-07 00:00	17-May-07
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CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	29.5	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	29.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	29.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	29.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	148	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	29.5	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	29.5	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	29.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	29.5	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	29.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	29.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	29.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	29.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	29.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	29.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	29.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	29.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	148	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	29.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	29.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	29.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*78*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	59.1	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	59.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	59.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	59.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	59.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	59.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	59.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	59.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	59.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	765	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	765	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	765	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	765	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	765	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	765	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	765	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	765	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-4	301-88	Ballast	16-May-07 00:00	17-May-07
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CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	765	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	765	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	765	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	765	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	765	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	765	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	765	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	765	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	765	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	765	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	765	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	765	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	765	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	765	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	765	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	765	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	765	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	765	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	765	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	765	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	765	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	765	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	765	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	765	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	765	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	765	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	765	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	765	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	765	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	765	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	765	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	765	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	765	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	765	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	765	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	765	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	765	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	765	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	765	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	765	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	765	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	765	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	765	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	765	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	765	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	765	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	765	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	765	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	765	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	765	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-4	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3060	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	765	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	765	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3060	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	765	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	765	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	765	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	765	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	765	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	765	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	765	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	765	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	765	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	765	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	765	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*62*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0296	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.41	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.41	1	"	"	"	"	"
7440-39-3	Barium	11.7		mg/kg	0.939	1	"	"	"	"	"
7440-43-9	Cadmium	1.78		mg/kg	0.470	1	"	"	"	"	"
7440-47-3	Chromium	2.17		mg/kg	0.939	1	"	"	"	"	"
7439-92-1	Lead	3.59		mg/kg	1.41	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.41	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-07	21-May-07	7051579	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	24-May-07	7051611	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	25-May-07	7051612	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	24-May-07	7051611	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-5	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	51.2	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
67-64-1	Acetone	BRL		µg/kg	512	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	51.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	51.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	51.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	51.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	51.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	102	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	512	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	256	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	51.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	102	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	51.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	102	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	51.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	51.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	102	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	51.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	51.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	51.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	102	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	51.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	51.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	51.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	51.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	51.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	51.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	51.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	51.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	51.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	51.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	512	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	51.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	51.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	512	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	512	50	"	"	"	"	"
91-20-3	Naphthalene	201		µg/kg	51.2	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-5	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	51.2	50	SW 846 8260B	26-May-07	26-May-07	7052043	MAR
100-42-5	Styrene	BRL		µg/kg	51.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	51.2	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	51.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	51.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	51.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	51.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	51.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	51.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	51.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	102	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	51.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	512	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	51.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	51.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	51.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	51.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	512	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	1020	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	31.5	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	31.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	31.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	31.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	31.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	31.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	31.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	31.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	31.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	31.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	26.6	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-5	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	26.6	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	26.6	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	26.6	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	26.6	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	133	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	26.6	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	26.6	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	26.6	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	26.6	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	26.6	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	26.6	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	26.6	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	26.6	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	26.6	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	26.6	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	26.6	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	26.6	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	133	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	26.6	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	26.6	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	26.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	53.3	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	53.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	53.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	53.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	53.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	53.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	53.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	53.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	53.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	781	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	781	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	781	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	781	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	781	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	781	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	781	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	781	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-5	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	781	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	781	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	781	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	781	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	781	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	781	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	781	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	781	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	781	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	781	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	781	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	781	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	781	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	781	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	781	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	781	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	781	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	781	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	781	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	781	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	781	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	781	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	781	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	781	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	781	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	781	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	781	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	781	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	781	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	781	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	781	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	781	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	781	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	781	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	781	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	781	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	781	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	781	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	781	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	781	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	781	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	781	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	781	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	781	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	781	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	781	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	781	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	781	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	781	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	781	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-5	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3120	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	781	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	781	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3120	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	781	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	781	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	781	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	781	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	781	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	781	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	781	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	781	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	781	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	781	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	781	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*50*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*49*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0296	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.37	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	2.16		mg/kg	1.37	1	"	"	"	"	"
7440-39-3	Barium	45.0		mg/kg	0.911	1	"	"	"	"	"
7440-43-9	Cadmium	1.70		mg/kg	0.456	1	"	"	"	"	"
7440-47-3	Chromium	2.50		mg/kg	0.911	1	"	"	"	"	"
7439-92-1	Lead	7.86		mg/kg	1.37	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.37	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-07	21-May-07	7051579	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	24-May-07	7051611	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	25-May-07	7051612	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	24-May-07	7051611	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-6	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	4.3	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
67-64-1	Acetone	303	VOC6	µg/kg	43.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	4.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	4.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	4.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	4.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	4.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	8.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	65.7	VOC6	µg/kg	43.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	21.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	4.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	8.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	4.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	8.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	4.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	4.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	8.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	4.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	4.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	4.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	8.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	4.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	4.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	4.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	4.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	4.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	4.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	4.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	4.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	4.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	4.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	43.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	4.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	4.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	43.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	43.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	8.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-6	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	4.3	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
100-42-5	Styrene	BRL		µg/kg	4.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	4.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	4.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	4.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	4.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	4.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	4.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	4.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	4.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	8.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	4.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	43.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	4.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	4.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	4.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	4.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	43.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	86.8	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	32.6	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	32.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	32.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	32.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	32.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	32.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	32.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	32.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	32.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	32.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*108*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	27.7	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-6	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	27.7	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	27.7	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	27.7	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	27.7	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	139	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	27.7	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	27.7	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	27.7	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	27.7	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	27.7	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	27.7	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	27.7	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	27.7	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	27.7	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	27.7	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	27.7	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	27.7	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	139	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	27.7	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	27.7	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	27.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	55.5	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	55.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	55.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	55.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	55.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	55.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	55.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	55.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	55.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	808	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	808	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	808	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	808	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	808	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	808	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	808	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	808	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-6	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	808	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	808	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	808	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	808	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	808	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	808	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	808	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	808	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	808	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	808	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	808	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	808	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	808	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	808	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	808	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	808	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	808	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	808	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	808	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	808	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	808	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	808	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	808	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	808	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	808	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	808	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	808	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	808	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	808	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	808	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	808	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	808	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	808	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	808	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	808	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	808	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	808	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	808	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	808	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	808	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	808	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	808	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	808	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	808	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	808	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	808	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	808	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	808	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	808	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	808	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-6	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3230	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	808	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	808	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3230	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	808	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	808	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	808	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	808	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	808	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	808	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	808	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	808	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	808	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	808	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	808	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*50*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0296	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.39	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	2.19		mg/kg	1.39	1	"	"	"	"	"
7440-39-3	Barium	50.4		mg/kg	0.927	1	"	"	"	"	"
7440-43-9	Cadmium	1.97		mg/kg	0.463	1	"	"	"	"	"
7440-47-3	Chromium	2.53		mg/kg	0.927	1	"	"	"	"	"
7439-92-1	Lead	8.02		mg/kg	1.39	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.39	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-07	21-May-07	7051579	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	24-May-07	7051611	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	25-May-07	7051612	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	24-May-07	7051611	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-7	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg	3.9	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
67-64-1	Acetone	168	VOC6	µg/kg	39.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	3.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	3.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	3.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	3.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	3.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	7.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	39.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	19.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	3.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	7.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	3.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	7.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	3.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	3.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	7.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	3.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	3.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	3.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	7.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	3.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	3.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	3.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	3.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	3.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	3.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	3.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	3.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	3.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	3.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	39.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	3.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	3.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	39.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	39.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	3.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-7	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	3.9	1	SW 846 8260B	23-May-07	25-May-07	7051777	RLJ
100-42-5	Styrene	BRL		µg/kg	3.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	3.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	3.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	3.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	3.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	3.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	3.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	3.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	3.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	7.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	3.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	39.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	3.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	3.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	3.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	3.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	39.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	78.9	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*112*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	31.8	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	31.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	31.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	31.8	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg	31.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	31.8	1	"	"	"	"	"
	Unidentified	37.3		mg/kg	31.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	31.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	37.3		mg/kg	31.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	37.3		mg/kg	31.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	28.8	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-7 SA62320-04	301-88	Ballast	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	28.8	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	28.8	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	28.8	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	28.8	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	144	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	28.8	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	28.8	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	28.8	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	28.8	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	28.8	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	28.8	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	28.8	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	28.8	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	28.8	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	28.8	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	28.8	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	28.8	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	144	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	28.8	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	28.8	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	28.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*77*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	57.6	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	57.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	57.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	57.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	57.6	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	57.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	57.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	57.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	57.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	789	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	789	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	789	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	789	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	789	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	789	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	789	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	789	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-7	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	789	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	789	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	789	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	789	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	789	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	789	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	789	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	789	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	789	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	789	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	789	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	789	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	789	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	789	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	789	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	789	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	789	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	789	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	789	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	789	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	789	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	789	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	789	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	789	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	789	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	789	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	789	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	789	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	789	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	789	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	789	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	789	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	789	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	789	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	789	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	789	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	789	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	789	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	789	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	789	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	789	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	789	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	789	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	789	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	789	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	789	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	789	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	789	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	789	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	789	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-7	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3160	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	789	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	789	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3160	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	789	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	789	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	789	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	789	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	789	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	789	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	789	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	789	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	789	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	789	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	789	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*51*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0297	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.41	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.41	1	"	"	"	"	"
7440-39-3	Barium	25.8		mg/kg	0.938	1	"	"	"	"	"
7440-43-9	Cadmium	1.97		mg/kg	0.469	1	"	"	"	"	"
7440-47-3	Chromium	2.64		mg/kg	0.938	1	"	"	"	"	"
7439-92-1	Lead	7.07		mg/kg	1.41	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.41	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	21-May-07	21-May-07	7051579	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	24-May-07	7051611	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	25-May-07	7051612	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	24-May-07	7051611	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-8	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	5.0	1	SW 846 8260B	28-May-07	29-May-07	7052060	RLJ
67-64-1	Acetone	175	VOC6	µg/kg	50.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	5.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	5.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	5.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	5.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	5.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	10.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	50.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	25.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	5.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	10.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	5.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	10.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	5.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	5.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	10.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	5.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	5.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	5.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	10.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	5.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	5.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	5.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	5.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	5.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	5.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	5.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	5.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	5.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	5.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	50.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	5.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	5.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	50.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	50.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	5.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-8	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg	5.0	1	SW 846 8260B	28-May-07	29-May-07	7052060	RLJ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	5.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	5.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	5.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	5.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	5.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	5.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	5.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	5.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	10.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	5.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	50.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	5.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	5.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	5.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	5.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	50.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	100	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	32.4	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	32.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	32.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg	32.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	32.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	32.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg	32.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	32.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg	32.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	32.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*115*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	28.5	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-8	301-88	Ballast	16-May-07 00:00	17-May-07
SA62320-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	28.5	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	28.5	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	28.5	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	28.5	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	142	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	28.5	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	28.5	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	28.5	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	28.5	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	28.5	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	28.5	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	28.5	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	28.5	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	28.5	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	28.5	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	28.5	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	28.5	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	142	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	28.5	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	28.5	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	28.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*84*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	56.9	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	56.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	56.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	56.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	56.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	56.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	56.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	56.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	56.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg	803	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	803	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	803	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg	803	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	803	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	803	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	803	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	803	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-8 SA62320-05	301-88	Ballast	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	803	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	803	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	803	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	803	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	803	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	803	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	803	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	803	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	803	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	803	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	803	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	803	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	803	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	803	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	803	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	803	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	803	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	803	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	803	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	803	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg	803	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	803	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	803	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	803	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	803	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	803	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	803	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	803	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	803	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	803	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	803	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	803	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	803	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	803	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	803	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg	803	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg	803	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	803	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	803	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	803	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	803	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	803	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg	803	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	803	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	803	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	803	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	803	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg	803	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	803	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	803	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOB-8 SA62320-05	301-88	Ballast	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	3210	1	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	803	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	803	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	3210	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	803	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	803	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	803	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	803	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg	803	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	803	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg	803	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	803	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	803	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	803	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	803	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*56*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0297	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.35	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.35	1	"	"	"	"	"
7440-39-3	Barium	28.6		mg/kg	0.897	1	"	"	"	"	"
7440-43-9	Cadmium	2.02		mg/kg	0.448	1	"	"	"	"	"
7440-47-3	Chromium	3.10		mg/kg	0.897	1	"	"	"	"	"
7439-92-1	Lead	7.70		mg/kg	1.35	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.35	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051693	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051727	LR/
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051728	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051727	LR/
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

APPENDIX E
Concrete Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-1 SA62320-14	301-88	Concrete	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	53.6	50	SW 846 8260B	29-May-07	29-May-07	7052105	MAR
67-64-1	Acetone	BRL		µg/kg dry	536	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	53.6	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	53.6	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	107	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	536	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	268	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	107	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	53.6	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	107	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	107	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	53.6	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	107	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	536	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	536	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	536	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	53.6	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-1	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	53.6	50	SW 846 8260B	29-May-07	29-May-07	7052105	MAR
100-42-5	Styrene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	53.6	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	53.6	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	53.6	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	107	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	53.6	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	536	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	53.6	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	53.6	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	53.6	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	53.6	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	536	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1070	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.1	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.01	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-1	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.01	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.01	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.01	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.01	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.01	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.01	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.01	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.01	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.01	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.01	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.01	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.01	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.01	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.01	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.01	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.01	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.0	1	SW846 8082	21-May-07	24-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.0	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.0	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.0	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.0	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	216	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	216	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	216	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	216	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	216	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	216	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	216	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	216	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-1	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	216	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	216	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	216	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	216	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	216	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	216	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	216	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	216	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	216	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	216	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	216	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	216	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	216	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	216	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	216	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	216	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	216	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	216	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	216	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	216	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	216	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	216	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	216	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	216	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	216	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	216	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	216	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	216	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	216	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	216	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	216	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	216	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	216	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	216	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	216	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	216	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	216	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	216	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-1	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	866	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	866	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	216	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	216	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	216	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	216	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	216	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	216	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	216	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	216	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	216	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*		S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*0*	S04	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0304	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.48	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	2.03		mg/kg dry	1.48	1	"	"	"	"	"
7440-39-3	Barium	58.3		mg/kg dry	0.984	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.492	1	"	"	"	"	"
7440-47-3	Chromium	18.0		mg/kg dry	0.984	1	"	"	"	"	"
7439-92-1	Lead	4.05		mg/kg dry	1.48	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.48	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.3		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051751	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-2 SA62320-15	301-88	Concrete	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	54.5	50	SW 846 8260B	29-May-07	29-May-07	7052105	MAR
67-64-1	Acetone	BRL		µg/kg dry	545	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	54.5	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	54.5	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	109	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	545	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	273	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	109	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	54.5	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	109	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	109	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	54.5	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	109	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	545	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	545	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	545	50	"	"	"	"	"
91-20-3	Naphthalene	267		µg/kg dry	54.5	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-2	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	54.5	50	SW 846 8260B	29-May-07	29-May-07	7052105	MAR
100-42-5	Styrene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	54.5	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	54.5	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	54.5	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	109	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	54.5	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	545	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	54.5	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	54.5	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	54.5	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	54.5	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	545	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1090	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	31.1	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	31.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	31.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	31.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	31.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*70*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.42	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-2 SA62320-15	301-88	Concrete	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.42	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.42	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.42	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.42	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.42	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.42	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.42	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.42	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.42	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.42	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.42	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.42	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.42	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.42	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.42	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.42	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.42	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.42	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.42	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.8	1	SW846 8082	21-May-07	24-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	248	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	248	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	248	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	248	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	248	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	248	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	248	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	248	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-2 SA62320-15	301-88	Concrete	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	248	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	248	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	248	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	248	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	248	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	248	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	248	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	248	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	248	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	248	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	248	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	248	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	248	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	248	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	248	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	248	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	248	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	248	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	248	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	248	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	248	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	248	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	248	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	248	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	248	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	248	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	248	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	248	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	248	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	248	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	248	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	248	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	248	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	248	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	248	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	248	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	248	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	248	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-2	301-88	Concrete	15-May-07 00:00	17-May-07
SA62320-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	992	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	992	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	248	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	248	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	248	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	248	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	248	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	248	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	248	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	248	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	248	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*75*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*5*	S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*63*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0302	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.50	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	1.85		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	61.7		mg/kg dry	1.00	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.500	1	"	"	"	"	"
7440-47-3	Chromium	17.0		mg/kg dry	1.00	1	"	"	"	"	"
7439-92-1	Lead	4.60		mg/kg dry	1.50	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.50	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	96.2		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051751	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-3	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.2	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
67-64-1	Acetone	BRL		µg/kg dry	52.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	52.4	1	"	"	"	"	"
91-20-3	Naphthalene	5.7		µg/kg dry	5.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-3 SA62320-06	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*51*	SDUP	*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	28.3	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	28.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.94	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-3	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.94	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.94	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.94	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.94	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.7	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.94	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.94	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.94	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.94	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.94	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.94	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.94	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.94	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.94	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.94	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.94	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.94	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.94	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.94	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.94	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*83*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.9	1	SW846 8082	21-May-07	23-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	223	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	223	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	223	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	223	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	223	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	223	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	223	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	223	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-3	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	223	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	223	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	223	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	223	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	223	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	223	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	223	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	223	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	223	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	223	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	223	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	223	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	223	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	223	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	223	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	223	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	223	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	223	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	223	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	223	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	223	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	223	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	223	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	223	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	223	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	223	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	223	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	223	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	223	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-3	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	890	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	890	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	223	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	223	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	223	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	223	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	223	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	223	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	223	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*0*	S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*0*	S04	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*76*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0305	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.32	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	1.33		mg/kg dry	1.32	1	"	"	"	"	"
7440-39-3	Barium	138		mg/kg dry	0.880	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.440	1	"	"	"	"	"
7440-47-3	Chromium	12.4		mg/kg dry	0.880	1	"	"	"	"	"
7439-92-1	Lead	3.96		mg/kg dry	1.32	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.32	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	1.99		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.6		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051803	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-4	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	4.5	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
67-64-1	Acetone	BRL		µg/kg dry	44.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	44.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	22.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	8.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	8.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	44.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	44.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	44.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	4.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-4	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.5	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
100-42-5	Styrene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	8.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	44.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	44.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	89.4	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*72*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.6	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.6	1	"	"	"	"	"
	Unidentified	146		mg/kg dry	27.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	146		mg/kg dry	27.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	146		mg/kg dry	27.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*74*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.82	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-4 SA62320-07	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	5.82	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	5.82	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.82	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.82	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	5.82	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	5.82	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	5.82	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.82	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.82	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.82	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.82	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.82	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.82	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.82	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.82	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.82	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.82	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.82	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.82	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*91*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.6	1	SW846 8082	21-May-07	23-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.6	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.6	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11097-69-1	PCB 1254	20.9		µg/kg dry	11.6	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.6	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.6	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.6	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	325	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	325	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	325	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	325	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	325	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	325	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	325	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	325	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-4 SA62320-07	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	325	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	325	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	325	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	325	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	325	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	325	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	325	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	325	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	325	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	325	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	325	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	325	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	325	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	325	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	325	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	325	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	325	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	325	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	325	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	325	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	325	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	325	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	325	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	325	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	325	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	325	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	325	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	325	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	325	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	325	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	325	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	325	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	325	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	325	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	325	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	325	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	325	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	325	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-4	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1300	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1300	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	325	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	325	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	325	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	325	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	325	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	325	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	325	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	325	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	325	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*2*	S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*65*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*23*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0303	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	BRL		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	42.8		mg/kg dry	1.01	1	"	"	"	"	"
7440-43-9	Cadmium	10.4		mg/kg dry	0.507	1	"	"	"	"	"
7440-47-3	Chromium	11.3		mg/kg dry	1.01	1	"	"	"	"	"
7439-92-1	Lead	6.01		mg/kg dry	1.52	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0501		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	96.7		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051803	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-5	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.2	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
67-64-1	Acetone	BRL		µg/kg dry	52.3	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	52.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	10.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	52.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	52.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	52.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-5 SA62320-08	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	52.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	52.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	105	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*57*	SDUP	*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.3	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	30.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	30.3	1	"	"	"	"	"
	Unidentified	142		mg/kg dry	30.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	30.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	142		mg/kg dry	30.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	142		mg/kg dry	30.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.54	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-5 SA62320-08	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.54	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.54	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.54	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.54	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.7	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.54	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.54	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.54	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.54	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.54	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.54	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.54	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.54	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.54	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.54	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.54	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.54	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.54	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.54	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.54	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*53*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.1	1	SW846 8082	21-May-07	23-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	286	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	286	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	286	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	286	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	286	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	286	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-5	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	286	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	286	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	286	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	286	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	286	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	286	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	286	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	286	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	286	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	286	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	286	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	286	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	286	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	286	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	286	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	286	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	286	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	286	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	286	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	286	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	286	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	286	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	286	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	286	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	286	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	286	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	286	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-5 SA62320-08	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1140	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1140	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	286	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	286	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	286	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	286	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	286	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	286	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	286	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*1*	S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*68*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*17*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*94*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0300	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.49	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	1.61		mg/kg dry	1.49	1	"	"	"	"	"
7440-39-3	Barium	41.3		mg/kg dry	0.992	1	"	"	"	"	"
7440-43-9	Cadmium	14.4		mg/kg dry	0.496	1	"	"	"	"	"
7440-47-3	Chromium	12.4		mg/kg dry	0.992	1	"	"	"	"	"
7439-92-1	Lead	4.00		mg/kg dry	1.49	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.49	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0820		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.4		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051803	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-6	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/kg dry	5.7	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
67-64-1	Acetone	BRL		µg/kg dry	57.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	28.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	57.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-6	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	SW 846 8260B	22-May-07	23-May-07	7051665	RLJ
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	57.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	115	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*120*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*67*	SDUP	*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	27.5	1	+CT ETPH	21-May-07	22-May-07	7051545	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.5	1	"	"	"	"	"
	Unidentified	202		mg/kg dry	27.5	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	27.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	202		mg/kg dry	27.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	202		mg/kg dry	27.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.05	1	SW846 8081A	21-May-07	26-May-07	7051534	TG

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-6	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
319-84-6	a-BHC	BRL		µg/kg dry	6.05	1	SW846 8081A	21-May-07	26-May-07	7051534	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.05	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.05	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.05	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.05	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.05	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.05	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.05	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.05	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.05	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.05	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.05	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.05	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.05	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.05	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.05	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.05	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.05	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.05	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*92*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.1	1	SW846 8082	21-May-07	24-May-07	7051536	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.1	1	"	"	"	"	"
11097-69-1	PCB 1254	16.3		µg/kg dry	12.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	240	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	240	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	240	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	240	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	240	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	240	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	240	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	240	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-6 SA62320-09	301-88	Concrete	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	240	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	240	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	240	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	240	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	240	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	240	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	240	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	240	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	240	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	240	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	240	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	240	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	240	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	240	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	240	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	240	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	240	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	240	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	240	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	240	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	240	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	240	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	240	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	240	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	240	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	240	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	240	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	240	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	240	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	240	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	240	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	240	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	240	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	240	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	240	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	240	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	240	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	240	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOC-6	301-88	Concrete	16-May-07 00:00	17-May-07
SA62320-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	960	1	SW846 8270C	21-May-07	24-May-07	7051564	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	960	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	240	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	240	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	240	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	240	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	240	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	240	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	240	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	240	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	240	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*77*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*0*	S04	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*2*	S04	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S04	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0301	1	SW846 7471A	23-May-07	24-May-07	7051653	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	EPA 200.7	23-May-07	23-May-07	7051652	HB
7440-38-2	Arsenic	2.08		mg/kg dry	1.53	1	"	"	"	"	"
7440-39-3	Barium	57.7		mg/kg dry	1.02	1	"	"	"	"	"
7440-43-9	Cadmium	15.6		mg/kg dry	0.510	1	"	"	"	"	"
7440-47-3	Chromium	13.2		mg/kg dry	1.02	1	"	"	"	"	"
7439-92-1	Lead	4.17		mg/kg dry	1.53	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	22-May-07	22-May-07	7051691	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	23-May-07	23-May-07	7051729	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0811		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	0.0689		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	24-May-07	7051730	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	23-May-07	7051729	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.5		%		1	SM2540 G Mod.	23-May-07	23-May-07	7051803	RD

APPENDIX F
Timber Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-1	301-88	Wood	15-May-07 00:00	17-May-07
SA62320-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	23700	5000	SW 846 8260B	23-May-07	24-May-07	7051788	MAR
67-64-1	Acetone	BRL		µg/kg	237000	5000	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	23700	5000	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	23700	5000	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	23700	5000	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	23700	5000	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	23700	5000	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	47500	5000	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	237000	5000	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	119000	5000	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	23700	5000	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	47500	5000	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	23700	5000	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	47500	5000	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	23700	5000	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	23700	5000	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	47500	5000	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	23700	5000	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	23700	5000	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	23700	5000	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	47500	5000	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	23700	5000	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	23700	5000	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	23700	5000	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	23700	5000	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	23700	5000	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	23700	5000	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	23700	5000	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	23700	5000	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	23700	5000	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	23700	5000	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	237000	5000	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	23700	5000	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	23700	5000	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	237000	5000	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	237000	5000	"	"	"	"	"
91-20-3	Naphthalene	3,550,000		µg/kg	23700	5000	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-1	301-88	Wood	15-May-07 00:00	17-May-07
SA62320-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	23700	5000	SW 846 8260B	23-May-07	24-May-07	7051788	MAR
100-42-5	Styrene	BRL		µg/kg	23700	5000	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	23700	5000	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	23700	5000	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	23700	5000	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	23700	5000	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	23700	5000	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	23700	5000	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	23700	5000	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	23700	5000	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	47500	5000	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	23700	5000	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	237000	5000	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	23700	5000	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	23700	5000	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	23700	5000	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	23700	5000	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	237000	5000	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	475000	5000	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	1580	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	1580	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	1580	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg	1580	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	1580	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	1580	1	"	"	"	"	"
	Unidentified	150,000		mg/kg	1580	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	1580	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	150,000		mg/kg	1580	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	150,000		mg/kg	1580	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*39295*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	26.2	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-1 SA62320-16	301-88	Wood	15-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	26.2	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	26.2	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	26.2	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	26.2	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	131	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	26.2	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	26.2	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	26.2	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	26.2	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	26.2	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	26.2	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	26.2	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	26.2	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	26.2	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	26.2	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	26.2	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	26.2	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	131	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	26.2	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	26.2	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	26.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*573*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	52.4	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	52.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	52.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	52.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	52.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	52.4	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	52.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	52.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	52.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	5,530,000		µg/kg	1970000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	1970000	50	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	1970000	50	"	"	"	"	"
120-12-7	Anthracene	5,170,000		µg/kg	1970000	50	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	1970000	50	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	1970000	50	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	1970000	50	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	1970000	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-1	301-88	Wood	15-May-07 00:00	17-May-07
SA62320-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	1970000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	1970000	50	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	1970000	50	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	1970000	50	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	1970000	50	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	1970000	50	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	1970000	50	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	1970000	50	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	1970000	50	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	1970000	50	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	1970000	50	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	1970000	50	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	1970000	50	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	1970000	50	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	1970000	50	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg	1970000	50	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	1970000	50	"	"	"	"	"
132-64-9	Dibenzofuran	3,420,000		µg/kg	1970000	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	1970000	50	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	1970000	50	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	1970000	50	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	1970000	50	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	1970000	50	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	1970000	50	"	"	"	"	"
206-44-0	Fluoranthene	9,190,000		µg/kg	1970000	50	"	"	"	"	"
86-73-7	Fluorene	5,050,000		µg/kg	1970000	50	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	1970000	50	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	1970000	50	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	1970000	50	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	1970000	50	"	"	"	"	"
90-12-0	1-Methylnaphthalene	3,060,000		µg/kg	1970000	50	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	1970000	50	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	1970000	50	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	1970000	50	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	1970000	50	"	"	"	"	"
91-20-3	Naphthalene	3,510,000		µg/kg	1970000	50	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	1970000	50	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	1970000	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-1	301-88	Wood	15-May-07 00:00	17-May-07
SA62320-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	7860000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	7860000	50	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	1970000	50	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	1970000	50	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	1970000	50	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
85-01-8	Phenanthrene	14,300,000		µg/kg	1970000	50	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	1970000	50	"	"	"	"	"
129-00-0	Pyrene	6,870,000		µg/kg	1970000	50	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	1970000	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	1970000	50	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	1970000	50	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*29*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*30*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*25*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg	0.0291	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.44	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.44	1	"	"	"	"	"
7440-39-3	Barium	1.52		mg/kg	0.957	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg	0.479	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/kg	0.957	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/kg	1.44	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.44	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-May-07	22-May-07	7051690	BD
7440-22-4	Silver	BRL		mg/l	0.0150	1	SW846 1311/6010B	23-May-07	24-May-07	7051724	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	"	24-May-07	7051725	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1311/6010B	"	24-May-07	7051724	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-2	301-88	Wood	16-May-07 00:00	17-May-07
SA62320-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Lab extracted		N/A		1	VOC	21-May-07	21-May-07	7051580	RD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg	29100	5000	SW 846 8260B	23-May-07	24-May-07	7051788	MAR
67-64-1	Acetone	BRL		µg/kg	291000	5000	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg	29100	5000	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg	29100	5000	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg	29100	5000	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg	29100	5000	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg	29100	5000	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg	58100	5000	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg	291000	5000	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg	145000	5000	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg	29100	5000	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg	58100	5000	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg	29100	5000	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg	58100	5000	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg	29100	5000	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg	29100	5000	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg	58100	5000	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg	29100	5000	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg	29100	5000	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg	29100	5000	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg	58100	5000	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg	29100	5000	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg	29100	5000	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg	29100	5000	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg	29100	5000	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg	29100	5000	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg	29100	5000	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg	29100	5000	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg	29100	5000	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg	29100	5000	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	29100	5000	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg	291000	5000	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg	29100	5000	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg	29100	5000	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	291000	5000	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg	291000	5000	"	"	"	"	"
91-20-3	Naphthalene	1,930,000		µg/kg	29100	5000	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-2 SA62320-10	301-88	Wood	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg	29100	5000	SW 846 8260B	23-May-07	24-May-07	7051788	MAR
100-42-5	Styrene	BRL		µg/kg	29100	5000	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg	29100	5000	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg	29100	5000	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg	29100	5000	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg	29100	5000	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg	29100	5000	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg	29100	5000	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg	29100	5000	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg	29100	5000	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg	58100	5000	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg	29100	5000	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg	291000	5000	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg	29100	5000	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg	29100	5000	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg	29100	5000	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg	29100	5000	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg	291000	5000	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg	581000	5000	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg	1370	1	+CT ETPH	22-May-07	24-May-07	7051599	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg	1370	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg	1370	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg	1370	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg	1370	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg	1370	1	"	"	"	"	"
	Unidentified	120,000		mg/kg	1370	1	"	"	"	"	"
	Other Oil	BRL		mg/kg	1370	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	120,000		mg/kg	1370	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	120,000		mg/kg	1370	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*39535*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg	30.9	1	SW846 8081A	21-May-07	26-May-07	7051533	TG

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-2	301-88	Wood	16-May-07 00:00	17-May-07
SA62320-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg	30.9	1	SW846 8081A	21-May-07	26-May-07	7051533	TG
319-85-7	b-BHC	BRL		µg/kg	30.9	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg	30.9	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg	30.9	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg	155	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg	30.9	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg	30.9	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg	30.9	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg	30.9	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg	30.9	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg	30.9	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg	30.9	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg	30.9	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg	30.9	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg	30.9	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg	30.9	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg	30.9	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg	155	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg	30.9	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg	30.9	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg	30.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*33*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*218*	S02	*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3550B											
12674-11-2	PCB 1016	BRL		µg/kg	61.8	1	SW846 8082	21-May-07	24-May-07	7051532	MP
11104-28-2	PCB 1221	BRL		µg/kg	61.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg	61.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg	61.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg	61.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg	61.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg	61.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg	61.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg	61.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	8,490,000		µg/kg	1700000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
208-96-8	Acenaphthylene	BRL		µg/kg	1700000	50	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg	1700000	50	"	"	"	"	"
120-12-7	Anthracene	7,750,000		µg/kg	1700000	50	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg	1700000	50	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg	1700000	50	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg	1700000	50	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg	1700000	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-2 SA62320-10	301-88	Wood	16-May-07 00:00	17-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg	1700000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg	1700000	50	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg	1700000	50	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg	1700000	50	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg	1700000	50	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg	1700000	50	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg	1700000	50	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg	1700000	50	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg	1700000	50	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg	1700000	50	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg	1700000	50	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg	1700000	50	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg	1700000	50	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg	1700000	50	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg	1700000	50	"	"	"	"	"
218-01-9	Chrysene	1,980,000		µg/kg	1700000	50	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg	1700000	50	"	"	"	"	"
132-64-9	Dibenzofuran	5,160,000		µg/kg	1700000	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg	1700000	50	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg	1700000	50	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg	1700000	50	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg	1700000	50	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg	1700000	50	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg	1700000	50	"	"	"	"	"
206-44-0	Fluoranthene	12,900,000		µg/kg	1700000	50	"	"	"	"	"
86-73-7	Fluorene	6,750,000		µg/kg	1700000	50	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg	1700000	50	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg	1700000	50	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg	1700000	50	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg	1700000	50	"	"	"	"	"
90-12-0	1-Methylnaphthalene	2,500,000		µg/kg	1700000	50	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg	1700000	50	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg	1700000	50	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg	1700000	50	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg	1700000	50	"	"	"	"	"
91-20-3	Naphthalene	3,510,000		µg/kg	1700000	50	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg	1700000	50	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg	1700000	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCOT-2	301-88	Wood	16-May-07 00:00	17-May-07
SA62320-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg	6810000	50	SW846 8270C	22-May-07	24-May-07	7051600	M.B
98-95-3	Nitrobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg	6810000	50	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg	1700000	50	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg	1700000	50	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg	1700000	50	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
85-01-8	Phenanthrene	21,100,000		µg/kg	1700000	50	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg	1700000	50	"	"	"	"	"
129-00-0	Pyrene	9,560,000		µg/kg	1700000	50	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg	1700000	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg	1700000	50	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg	1700000	50	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*1*	SGC	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*30*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*13*	SGC	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*106*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0583		mg/kg	0.0297	1	SW846 7471A	22-May-07	23-May-07	7051636	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg	1.47	1	EPA 200.7	22-May-07	23-May-07	7051634	LR
7440-38-2	Arsenic	BRL		mg/kg	1.47	1	"	"	"	"	"
7440-39-3	Barium	14.6		mg/kg	0.982	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg	0.491	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/kg	0.982	1	"	"	"	"	"
7439-92-1	Lead	2.25		mg/kg	1.47	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg	1.47	1	"	"	"	"	"
TCLP Metals by EPA 1311 & 6000/7000 Series Methods											
	TCLP Extraction	Completed		N/A		1	SW846 1311	22-May-07	22-May-07	7051690	BD
7440-22-4	Silver	BRL		mg/l	0.0150	1	SW846 1311/6010B	23-May-07	24-May-07	7051724	HB
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.111		mg/l	0.0300	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0500	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1311/7470A	"	24-May-07	7051725	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1311/6010B	"	24-May-07	7051724	HB
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"

APPENDIX G
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW SA62687-10	301-88	Ground Water	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	2.0		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	7.2		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW	301-88	Ground Water	23-May-07 00:00	24-May-07
SA62687-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	2.1		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	29-May-07	30-May-07	7052066	DS
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	2.4		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2.4		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2.4		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*127*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0125	1	SW846 8081A	29-May-07	31-May-07	7052064	TG
319-84-6	a-BHC	BRL		µg/l	0.0125	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW	301-88	Ground Water	23-May-07 00:00	24-May-07
SA62687-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0125	1	SW846 8081A	29-May-07	31-May-07	7052064	TG
319-86-8	d-BHC	BRL		µg/l	0.0125	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0125	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0625	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0125	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0125	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0125	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0025	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0125	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0125	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0125	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0125	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0125	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0125	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0125	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0125	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0625	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0125	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0125	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0125	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*57*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*96*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0250	1	SW846 8082	26-May-07	29-May-07	7052036	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0250	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0250	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0250	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0250	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0250	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0250	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0250	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0250	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*125*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	6.41	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
208-96-8	Acenaphthylene	BRL		µg/l	6.41	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	6.41	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.41	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	6.41	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.41	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.41	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.41	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.41	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW	301-88	Ground Water	23-May-07 00:00	24-May-07
SA62687-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.41	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.41	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.41	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.41	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.41	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.41	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.41	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.41	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.41	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	6.41	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	6.41	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.41	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.41	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	6.41	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.41	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.41	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.41	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.41	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.41	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.41	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.41	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	6.41	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	6.41	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	6.41	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	6.41	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	6.41	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.41	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.41	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.41	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.41	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.41	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	6.41	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.41	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.41	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.41	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.41	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.41	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.41	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	6.41	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	12.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.41	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.41	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.41	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	25.6	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	6.41	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW	301-88	Ground Water	23-May-07 00:00	24-May-07
SA62687-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	6.41	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	25.6	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.41	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	6.41	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.41	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	25.6	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.41	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	6.41	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.41	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	6.41	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	6.41	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	6.41	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	6.41	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	6.41	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*72*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*83*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	31-May-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	0.321		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	0.231		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*99*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	0.0244		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.206		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-1 GW	301-88	Ground Water	23-May-07 00:00	24-May-07
SA62687-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-47-3	Chromium	0.0075		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	2.43		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.0182		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW	301-88	Ground Water	25-May-07 00:00	29-May-07
SA62769-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW SA62769-03	301-88	Ground Water	25-May-07 00:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	04-Jun-07	04-Jun-07	7060201	JRO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*80*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*96*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	01-Jun-07	05-Jun-07	7060002	DS
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0119	1	SW846 8081A	31-May-07	02-Jun-07	7052287	TG
319-84-6	a-BHC	BRL		µg/l	0.0119	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW	301-88	Ground Water	25-May-07 00:00	29-May-07
SA62769-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0119	1	SW846 8081A	31-May-07	02-Jun-07	7052287	TG
319-86-8	d-BHC	BRL		µg/l	0.0119	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0119	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0595	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0119	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0119	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0119	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0024	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0119	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0119	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0119	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0119	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0119	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0119	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0119	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0119	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0595	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0119	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0119	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0119	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*43*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*71*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0238	1	SW846 8082	31-May-07	03-Jun-07	7052288	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0238	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0238	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0238	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0238	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0238	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0238	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0238	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0238	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.68	1	SW846 8270C	31-May-07	02-Jun-07	7052289	M.B
208-96-8	Acenaphthylene	BRL		µg/l	5.68	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	5.68	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	5.68	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	5.68	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.68	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.68	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.68	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.68	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW	301-88	Ground Water	25-May-07 00:00	29-May-07
SA62769-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.68	1	SW846 8270C	31-May-07	02-Jun-07	7052289	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.68	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.68	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.68	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.68	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.68	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.68	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.68	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.68	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	5.68	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.68	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.68	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.68	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	5.68	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.68	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.68	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.68	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	5.68	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.68	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.68	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.68	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.68	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.68	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.68	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.68	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.68	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.68	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.68	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.68	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	5.68	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.68	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.68	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.68	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.68	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.68	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.68	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.68	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.68	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	5.68	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	11.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.68	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.68	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.68	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	22.7	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.68	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW	301-88	Ground Water	25-May-07 00:00	29-May-07
SA62769-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	5.68	1	SW846 8270C	31-May-07	02-Jun-07	7052289	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	22.7	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.68	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.68	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.68	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	22.7	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.68	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	5.68	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	5.68	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	5.68	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.68	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.68	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.68	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.68	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*55*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*53*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*78*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	04-Jun-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*94*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*100*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-38-2	Arsenic	0.0047		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0988		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-13 GW SA62769-03	301-88	Ground Water	25-May-07 00:00	29-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	01-Jun-07	03-Jun-07	7060098	HB
7440-47-3	Chromium	0.0112		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0128		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	01-Jun-07	04-Jun-07	7060099	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	05-Jun-07	06-Jun-07	7060333	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	3.4		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	7.0		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	05-Jun-07	06-Jun-07	7060333	ek
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	30-May-07	30-May-07	7052182	DS
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0116	1	SW846 8081A	31-May-07	02-Jun-07	7052287	TG
319-84-6	a-BHC	BRL		µg/l	0.0116	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0116	1	SW846 8081A	31-May-07	02-Jun-07	7052287	TG
319-86-8	d-BHC	BRL		µg/l	0.0116	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0116	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0581	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0116	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0116	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0116	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0023	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0116	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0116	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0116	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0116	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0116	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0116	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0116	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0116	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0581	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0116	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0116	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0116	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*47*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0233	1	SW846 8082	31-May-07	03-Jun-07	7052288	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0233	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0233	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0233	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0233	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0233	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0233	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0233	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0233	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*65*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	7.35	1	SW846 8270C	30-May-07	31-May-07	7052180	M.B
208-96-8	Acenaphthylene	BRL		µg/l	7.35	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	7.35	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	7.35	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	7.35	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	7.35	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	7.35	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	7.35	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	7.35	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	7.35	1	SW846 8270C	30-May-07	31-May-07	7052180	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	7.35	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	7.35	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	7.35	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	7.35	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	7.35	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	7.35	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	7.35	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	7.35	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	7.35	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	7.35	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	7.35	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	7.35	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	7.35	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	7.35	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	7.35	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	7.35	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	7.35	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	7.35	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	7.35	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	7.35	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	7.35	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	7.35	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	7.35	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	7.35	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	7.35	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	7.35	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	7.35	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	7.35	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	7.35	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	7.35	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	7.35	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	7.35	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	7.35	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	7.35	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	7.35	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	7.35	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	7.35	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	7.35	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	14.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	7.35	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	7.35	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	7.35	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	29.4	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	7.35	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	7.35	1	SW846 8270C	30-May-07	31-May-07	7052180	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	29.4	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	7.35	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	7.35	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	7.35	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	29.4	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	7.35	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	7.35	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	7.35	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	7.35	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	7.35	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	7.35	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	7.35	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	7.35	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*80*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	31-May-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*97*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	01-Jun-07	01-Jun-07	7060045	HB
7440-38-2	Arsenic	0.0083		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.137		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CCO-15 GW	301-88	Ground Water	24-May-07 00:00	25-May-07
SA62705-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	01-Jun-07	01-Jun-07	7060045	HB
7440-47-3	Chromium	0.0058		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.105		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00050	1	EPA 245.1/7470A	01-Jun-07	06-Jun-07	7060046	BT

TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard
Component Change Out Facility
New Haven, Connecticut

Volume 3 of 3

ConnDOT Assignment No. 202-3497
ConnDOT Project No. 301-88

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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

May 31, 2007

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APPENDIX H
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	301-88	Ground Water	16-May-07 00:00	17-May-07
SA62320-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	23-May-07	25-May-07	7051896	ek
67-64-1	Acetone	22.0	V11	µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	12.6	V11	µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1.8	V11	µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	301-88	Ground Water	16-May-07 00:00	17-May-07
SA62320-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	23-May-07	25-May-07	7051896	ek
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	4.7	V11	µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	2.0	V11	µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	1.0	V11	µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051665 - SW846 5035A Soil (low level)										
Blank (7051665-BLK1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
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						
Styrene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051665 - SW846 5035A Soil (low level)										
Blank (7051665-BLK1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.4*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (7051665-BS1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.8		µg/kg wet		20.0		99	70-130		
Acetone	11.8		µg/kg wet		20.0		59	1.77-175		
Acrylonitrile	20.1		µg/kg wet		20.0		100	70-130		
Benzene	20.5		µg/kg wet		20.0		102	70-130		
Bromobenzene	20.6		µg/kg wet		20.0		103	70-130		
Bromochloromethane	20.9		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130		
Bromoform	18.3		µg/kg wet		20.0		92	70-130		
Bromomethane	18.4		µg/kg wet		20.0		92	55.3-136		
2-Butanone (MEK)	12.7		µg/kg wet		20.0		64	38.8-142		
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
sec-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Carbon disulfide	18.2		µg/kg wet		20.0		91	70-130		
Carbon tetrachloride	19.1		µg/kg wet		20.0		96	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	20.3		µg/kg wet		20.0		102	55.3-130		
Chloroform	20.3		µg/kg wet		20.0		102	70-130		
Chloromethane	19.7		µg/kg wet		20.0		98	70-130		
2-Chlorotoluene	16.0		µg/kg wet		20.0		80	70-130		
4-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130		
1,2-Dibromo-3-chloropropane	24.4		µg/kg wet		20.0		122	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051665 - SW846 5035A Soil (low level)										
LCS (7051665-BS1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
Dibromochloromethane	21.5		µg/kg wet		20.0		108	64.7-139		
1,2-Dibromoethane (EDB)	22.0		µg/kg wet		20.0		110	70-130		
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	15.2		µg/kg wet		20.0		76	34.4-167		
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130		
trans-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130		
1,1-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130		
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
Ethylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	60.7-140		
2-Hexanone (MBK)	15.6		µg/kg wet		20.0		78	70-130		
Isopropylbenzene	17.9		µg/kg wet		20.0		90	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	19.9		µg/kg wet		20.0		100	46.1-145		
Methylene chloride	20.3		µg/kg wet		20.0		102	70-130		
Naphthalene	25.6		µg/kg wet		20.0		128	70-130		
n-Propylbenzene	16.3		µg/kg wet		20.0		82	70-130		
Styrene	18.9		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130		
Toluene	19.3		µg/kg wet		20.0		96	70-130		
1,2,3-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,2,4-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	22.9		µg/kg wet		20.0		114	70-130		
Trichloroethene	20.7		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	18.2		µg/kg wet		20.0		91	56.8-140		
1,2,3-Trichloropropane	23.7		µg/kg wet		20.0		118	70-130		
1,2,4-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130		
Vinyl chloride	20.0		µg/kg wet		20.0		100	70-130		
m,p-Xylene	40.1		µg/kg wet		40.0		100	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	21.3		µg/kg wet		20.0		106	70-130		
Ethyl ether	20.0		µg/kg wet		20.0		100	65.3-130		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	201		µg/kg wet		200		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051665 - SW846 5035A Soil (low level)										
LCS (7051665-BS1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
1,4-Dioxane	226		µg/kg wet		200		113	34-155		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
LCS Dup (7051665-BSD1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.1		µg/kg wet		20.0		110	70-130	11	25
Acetone	7.8		µg/kg wet		20.0		39	1.77-175	41	50
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130	4	25
Benzene	22.0		µg/kg wet		20.0		110	70-130	8	25
Bromobenzene	21.1		µg/kg wet		20.0		106	70-130	3	25
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130	3	25
Bromodichloromethane	22.4		µg/kg wet		20.0		112	70-130	5	25
Bromoform	18.4		µg/kg wet		20.0		92	70-130	0	25
Bromomethane	19.2		µg/kg wet		20.0		96	55.3-136	4	50
2-Butanone (MEK)	13.3		µg/kg wet		20.0		66	38.8-142	3	50
n-Butylbenzene	23.1		µg/kg wet		20.0		116	70-130	18	25
sec-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130	10	25
tert-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130	8	25
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130	9	25
Carbon tetrachloride	20.8		µg/kg wet		20.0		104	70-130	8	25
Chlorobenzene	21.8		µg/kg wet		20.0		109	70-130	5	25
Chloroethane	20.7		µg/kg wet		20.0		104	55.3-130	2	50
Chloroform	21.5		µg/kg wet		20.0		108	70-130	6	25
Chloromethane	20.5		µg/kg wet		20.0		102	70-130	4	25
2-Chlorotoluene	18.2		µg/kg wet		20.0		91	70-130	13	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	11	25
1,2-Dibromo-3-chloropropane	23.8		µg/kg wet		20.0		119	70-130	2	25
Dibromochloromethane	21.2		µg/kg wet		20.0		106	64.7-139	2	50
1,2-Dibromoethane (EDB)	21.6		µg/kg wet		20.0		108	70-130	2	25
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130	0	25
1,2-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130	8	25
1,3-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	9	25
1,4-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	9	25
Dichlorodifluoromethane (Freon12)	16.4		µg/kg wet		20.0		82	34.4-167	8	50
1,1-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	3	25
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	3	25
1,1-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130	5	25
cis-1,2-Dichloroethene	23.2		µg/kg wet		20.0		116	70-130	13	25
trans-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	8	25
1,2-Dichloropropane	22.6		µg/kg wet		20.0		113	70-130	4	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	1	25
2,2-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	10	25
1,1-Dichloropropene	22.7		µg/kg wet		20.0		114	70-130	13	25
cis-1,3-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130	7	25
trans-1,3-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130	0	25
Ethylbenzene	21.8		µg/kg wet		20.0		109	70-130	9	25
Hexachlorobutadiene	21.0		µg/kg wet		20.0		105	60.7-140	18	50
2-Hexanone (MBK)	15.5		µg/kg wet		20.0		78	70-130	0	25
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130	9	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051665 - SW846 5035A Soil (low level)										
LCS Dup (7051665-BSD1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130	12	25
Methyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	19.7		µg/kg wet		20.0		98	46.1-145	2	50
Methylene chloride	21.2		µg/kg wet		20.0		106	70-130	4	25
Naphthalene	24.9		µg/kg wet		20.0		124	70-130	3	25
n-Propylbenzene	17.5		µg/kg wet		20.0		88	70-130	7	25
Styrene	20.2		µg/kg wet		20.0		101	70-130	7	25
1,1,1,2-Tetrachloroethane	22.8		µg/kg wet		20.0		114	70-130	4	25
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	3	25
Tetrachloroethene	21.7		µg/kg wet		20.0		108	70-130	11	25
Toluene	21.3		µg/kg wet		20.0		106	70-130	10	25
1,2,3-Trichlorobenzene	23.5		µg/kg wet		20.0		118	70-130	4	25
1,2,4-Trichlorobenzene	23.3		µg/kg wet		20.0		116	70-130	10	25
1,1,1-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130	10	25
1,1,2-Trichloroethane	22.7		µg/kg wet		20.0		114	70-130	0	25
Trichloroethene	22.1		µg/kg wet		20.0		110	70-130	6	25
Trichlorofluoromethane (Freon 11)	20.2		µg/kg wet		20.0		101	56.8-140	10	50
1,2,3-Trichloropropane	23.7		µg/kg wet		20.0		118	70-130	0	25
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130	7	25
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		98	70-130	9	25
Vinyl chloride	21.1		µg/kg wet		20.0		106	70-130	6	25
m,p-Xylene	43.8		µg/kg wet		40.0		110	70-130	10	25
o-Xylene	22.6		µg/kg wet		20.0		113	70-130	8	25
Tetrahydrofuran	22.7		µg/kg wet		20.0		114	70-130	7	25
Ethyl ether	20.6		µg/kg wet		20.0		103	65.3-130	3	50
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130	0	25
Ethyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130	0.9	25
Di-isopropyl ether	20.7		µg/kg wet		20.0		104	70-130	0	25
Tert-Butanol / butyl alcohol	180		µg/kg wet		200		90	70-130	11	25
1,4-Dioxane	205		µg/kg wet		200		102	34-155	10	25
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 7051777 - SW846 5035A Soil (low level)										
Blank (7051777-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg	5.0						
Acetone	BRL		µg/kg	50.0						
Acrylonitrile	BRL		µg/kg	5.0						
Benzene	BRL		µg/kg	5.0						
Bromobenzene	BRL		µg/kg	5.0						
Bromochloromethane	BRL		µg/kg	5.0						
Bromodichloromethane	BRL		µg/kg	5.0						
Bromoform	BRL		µg/kg	5.0						
Bromomethane	BRL		µg/kg	10.0						
2-Butanone (MEK)	BRL		µg/kg	50.0						
n-Butylbenzene	BRL		µg/kg	5.0						
sec-Butylbenzene	BRL		µg/kg	5.0						
tert-Butylbenzene	BRL		µg/kg	5.0						
Carbon disulfide	BRL		µg/kg	25.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051777 - SW846 5035A Soil (low level)										
Blank (7051777-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Carbon tetrachloride	BRL		µg/kg	5.0						
Chlorobenzene	BRL		µg/kg	5.0						
Chloroethane	BRL		µg/kg	10.0						
Chloroform	BRL		µg/kg	5.0						
Chloromethane	BRL		µg/kg	10.0						
2-Chlorotoluene	BRL		µg/kg	5.0						
4-Chlorotoluene	BRL		µg/kg	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg	10.0						
Dibromochloromethane	BRL		µg/kg	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg	5.0						
Dibromomethane	BRL		µg/kg	5.0						
1,2-Dichlorobenzene	BRL		µg/kg	5.0						
1,3-Dichlorobenzene	BRL		µg/kg	5.0						
1,4-Dichlorobenzene	BRL		µg/kg	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg	10.0						
1,1-Dichloroethane	BRL		µg/kg	5.0						
1,2-Dichloroethane	BRL		µg/kg	5.0						
1,1-Dichloroethene	BRL		µg/kg	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg	5.0						
1,2-Dichloropropane	BRL		µg/kg	5.0						
1,3-Dichloropropane	BRL		µg/kg	5.0						
2,2-Dichloropropane	BRL		µg/kg	5.0						
1,1-Dichloropropene	BRL		µg/kg	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg	5.0						
Ethylbenzene	BRL		µg/kg	5.0						
Hexachlorobutadiene	BRL		µg/kg	5.0						
2-Hexanone (MBK)	BRL		µg/kg	50.0						
Isopropylbenzene	BRL		µg/kg	5.0						
4-Isopropyltoluene	BRL		µg/kg	5.0						
Methyl tert-butyl ether	BRL		µg/kg	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	50.0						
Methylene chloride	BRL		µg/kg	50.0						
Naphthalene	BRL		µg/kg	5.0						
n-Propylbenzene	BRL		µg/kg	5.0						
Styrene	BRL		µg/kg	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg	5.0						
Tetrachloroethene	BRL		µg/kg	5.0						
Toluene	BRL		µg/kg	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg	5.0						
1,1,1-Trichloroethane	BRL		µg/kg	5.0						
1,1,2-Trichloroethane	BRL		µg/kg	5.0						
Trichloroethene	BRL		µg/kg	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg	5.0						
1,2,3-Trichloropropane	BRL		µg/kg	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg	5.0						
Vinyl chloride	BRL		µg/kg	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051777 - SW846 5035A Soil (low level)										
Blank (7051777-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
m,p-Xylene	BRL		µg/kg	10.0						
o-Xylene	BRL		µg/kg	5.0						
Tetrahydrofuran	BRL		µg/kg	50.0						
Ethyl ether	BRL		µg/kg	5.0						
Tert-amyl methyl ether	BRL		µg/kg	5.0						
Ethyl tert-butyl ether	BRL		µg/kg	5.0						
Di-isopropyl ether	BRL		µg/kg	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg	50.0						
1,4-Dioxane	BRL		µg/kg	100						
Surrogate: 4-Bromofluorobenzene	*44.2*		µg/kg		*50.0*		*88*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.0*		µg/kg		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*52.6*		µg/kg		*50.0*		*105*	*70-130*		
LCS (7051777-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.6		µg/kg		20.0		123	70-130		
Acetone	7.4		µg/kg		20.0		37	1.77-175		
Acrylonitrile	20.8		µg/kg		20.0		104	70-130		
Benzene	20.0		µg/kg		20.0		100	70-130		
Bromobenzene	22.7		µg/kg		20.0		114	70-130		
Bromochloromethane	22.2		µg/kg		20.0		111	70-130		
Bromodichloromethane	22.3		µg/kg		20.0		112	70-130		
Bromoform	21.3		µg/kg		20.0		106	70-130		
Bromomethane	13.9		µg/kg		20.0		70	55.3-136		
2-Butanone (MEK)	12.3		µg/kg		20.0		62	38.8-142		
n-Butylbenzene	23.3		µg/kg		20.0		116	70-130		
sec-Butylbenzene	21.9		µg/kg		20.0		110	70-130		
tert-Butylbenzene	20.9		µg/kg		20.0		104	70-130		
Carbon disulfide	20.8		µg/kg		20.0		104	70-130		
Carbon tetrachloride	22.4		µg/kg		20.0		112	70-130		
Chlorobenzene	21.9		µg/kg		20.0		110	70-130		
Chloroethane	20.6		µg/kg		20.0		103	55.3-130		
Chloroform	21.2		µg/kg		20.0		106	70-130		
Chloromethane	25.7		µg/kg		20.0		128	70-130		
2-Chlorotoluene	17.6		µg/kg		20.0		88	70-130		
4-Chlorotoluene	21.7		µg/kg		20.0		108	70-130		
1,2-Dibromo-3-chloropropane	25.4		µg/kg		20.0		127	70-130		
Dibromochloromethane	23.9		µg/kg		20.0		120	64.7-139		
1,2-Dibromoethane (EDB)	22.8		µg/kg		20.0		114	70-130		
Dibromomethane	21.9		µg/kg		20.0		110	70-130		
1,2-Dichlorobenzene	22.0		µg/kg		20.0		110	70-130		
1,3-Dichlorobenzene	22.3		µg/kg		20.0		112	70-130		
1,4-Dichlorobenzene	21.9		µg/kg		20.0		110	70-130		
Dichlorodifluoromethane (Freon12)	28.5		µg/kg		20.0		142	34.4-167		
1,1-Dichloroethane	17.4		µg/kg		20.0		87	70-130		
1,2-Dichloroethane	20.2		µg/kg		20.0		101	70-130		
1,1-Dichloroethene	20.5		µg/kg		20.0		102	70-130		
cis-1,2-Dichloroethene	22.0		µg/kg		20.0		110	70-130		
trans-1,2-Dichloroethene	19.5		µg/kg		20.0		98	70-130		
1,2-Dichloropropane	20.0		µg/kg		20.0		100	70-130		
1,3-Dichloropropane	20.2		µg/kg		20.0		101	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051777 - SW846 5035A Soil (low level)										
LCS (7051777-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
2,2-Dichloropropane	21.1		µg/kg		20.0		106	70-130		
1,1-Dichloropropene	20.7		µg/kg		20.0		104	70-130		
cis-1,3-Dichloropropene	21.5		µg/kg		20.0		108	70-130		
trans-1,3-Dichloropropene	20.2		µg/kg		20.0		101	70-130		
Ethylbenzene	21.2		µg/kg		20.0		106	70-130		
Hexachlorobutadiene	23.2		µg/kg		20.0		116	60.7-140		
2-Hexanone (MBK)	18.1		µg/kg		20.0		90	70-130		
Isopropylbenzene	19.8		µg/kg		20.0		99	70-130		
4-Isopropyltoluene	21.6		µg/kg		20.0		108	70-130		
Methyl tert-butyl ether	20.5		µg/kg		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	20.9		µg/kg		20.0		104	46.1-145		
Methylene chloride	21.3		µg/kg		20.0		106	70-130		
Naphthalene	27.8	QC1	µg/kg		20.0		139	70-130		
n-Propylbenzene	18.8		µg/kg		20.0		94	70-130		
Styrene	20.7		µg/kg		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	23.1		µg/kg		20.0		116	70-130		
1,1,2,2-Tetrachloroethane	22.3		µg/kg		20.0		112	70-130		
Tetrachloroethene	24.6		µg/kg		20.0		123	70-130		
Toluene	20.0		µg/kg		20.0		100	70-130		
1,2,3-Trichlorobenzene	26.6	QC1	µg/kg		20.0		133	70-130		
1,2,4-Trichlorobenzene	27.1	QC1	µg/kg		20.0		136	70-130		
1,1,1-Trichloroethane	20.7		µg/kg		20.0		104	70-130		
1,1,2-Trichloroethane	22.4		µg/kg		20.0		112	70-130		
Trichloroethene	20.1		µg/kg		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	22.0		µg/kg		20.0		110	56.8-140		
1,2,3-Trichloropropane	23.2		µg/kg		20.0		116	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg		20.0		99	70-130		
Vinyl chloride	22.6		µg/kg		20.0		113	70-130		
m,p-Xylene	43.2		µg/kg		40.0		108	70-130		
o-Xylene	21.4		µg/kg		20.0		107	70-130		
Tetrahydrofuran	19.0		µg/kg		20.0		95	70-130		
Ethyl ether	20.6		µg/kg		20.0		103	65.3-130		
Tert-amyl methyl ether	19.2		µg/kg		20.0		96	70-130		
Ethyl tert-butyl ether	20.4		µg/kg		20.0		102	70-130		
Di-isopropyl ether	19.0		µg/kg		20.0		95	70-130		
Tert-Butanol / butyl alcohol	207		µg/kg		200		104	70-130		
1,4-Dioxane	173		µg/kg		200		86	34-155		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/kg		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.8*		µg/kg		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg		*50.0*		*102*	*70-130*		
LCS Dup (7051777-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/kg		20.0		115	70-130	7	25
Acetone	5.3		µg/kg		20.0		26	1.77-175	35	50
Acrylonitrile	22.1		µg/kg		20.0		110	70-130	6	25
Benzene	19.3		µg/kg		20.0		96	70-130	4	25
Bromobenzene	22.2		µg/kg		20.0		111	70-130	3	25
Bromochloromethane	22.6		µg/kg		20.0		113	70-130	2	25
Bromodichloromethane	22.1		µg/kg		20.0		110	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051777 - SW846 5035A Soil (low level)										
LCS Dup (7051777-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Bromoform	21.0		µg/kg		20.0		105	70-130	0.9	25
Bromomethane	14.3		µg/kg		20.0		72	55.3-136	3	50
2-Butanone (MEK)	11.8		µg/kg		20.0		59	38.8-142	5	50
n-Butylbenzene	19.9		µg/kg		20.0		100	70-130	15	25
sec-Butylbenzene	20.7		µg/kg		20.0		104	70-130	6	25
tert-Butylbenzene	20.8		µg/kg		20.0		104	70-130	0	25
Carbon disulfide	20.6		µg/kg		20.0		103	70-130	1	25
Carbon tetrachloride	22.2		µg/kg		20.0		111	70-130	0.9	25
Chlorobenzene	21.2		µg/kg		20.0		106	70-130	4	25
Chloroethane	20.4		µg/kg		20.0		102	55.3-130	1	50
Chloroform	19.6		µg/kg		20.0		98	70-130	8	25
Chloromethane	25.4		µg/kg		20.0		127	70-130	0.8	25
2-Chlorotoluene	17.2		µg/kg		20.0		86	70-130	2	25
4-Chlorotoluene	20.4		µg/kg		20.0		102	70-130	6	25
1,2-Dibromo-3-chloropropane	21.3		µg/kg		20.0		106	70-130	18	25
Dibromochloromethane	22.2		µg/kg		20.0		111	64.7-139	8	50
1,2-Dibromoethane (EDB)	21.9		µg/kg		20.0		110	70-130	4	25
Dibromomethane	21.7		µg/kg		20.0		108	70-130	2	25
1,2-Dichlorobenzene	20.9		µg/kg		20.0		104	70-130	6	25
1,3-Dichlorobenzene	21.6		µg/kg		20.0		108	70-130	4	25
1,4-Dichlorobenzene	20.7		µg/kg		20.0		104	70-130	6	25
Dichlorodifluoromethane (Freon12)	26.1		µg/kg		20.0		130	34.4-167	9	50
1,1-Dichloroethane	16.9		µg/kg		20.0		84	70-130	4	25
1,2-Dichloroethane	19.2		µg/kg		20.0		96	70-130	5	25
1,1-Dichloroethene	20.0		µg/kg		20.0		100	70-130	2	25
cis-1,2-Dichloroethene	20.2		µg/kg		20.0		101	70-130	9	25
trans-1,2-Dichloroethene	21.0		µg/kg		20.0		105	70-130	7	25
1,2-Dichloropropane	19.7		µg/kg		20.0		98	70-130	2	25
1,3-Dichloropropane	19.7		µg/kg		20.0		98	70-130	3	25
2,2-Dichloropropane	20.9		µg/kg		20.0		104	70-130	2	25
1,1-Dichloropropene	19.9		µg/kg		20.0		100	70-130	4	25
cis-1,3-Dichloropropene	20.5		µg/kg		20.0		102	70-130	6	25
trans-1,3-Dichloropropene	19.7		µg/kg		20.0		98	70-130	3	25
Ethylbenzene	21.4		µg/kg		20.0		107	70-130	0.9	25
Hexachlorobutadiene	19.8		µg/kg		20.0		99	60.7-140	16	50
2-Hexanone (MBK)	17.0		µg/kg		20.0		85	70-130	6	25
Isopropylbenzene	19.6		µg/kg		20.0		98	70-130	1	25
4-Isopropyltoluene	20.0		µg/kg		20.0		100	70-130	8	25
Methyl tert-butyl ether	20.3		µg/kg		20.0		102	70-130	0	25
4-Methyl-2-pentanone (MIBK)	19.3		µg/kg		20.0		96	46.1-145	8	50
Methylene chloride	20.8		µg/kg		20.0		104	70-130	2	25
Naphthalene	26.1		µg/kg		20.0		130	70-130	7	25
n-Propylbenzene	17.7		µg/kg		20.0		88	70-130	7	25
Styrene	20.3		µg/kg		20.0		102	70-130	2	25
1,1,1,2-Tetrachloroethane	21.9		µg/kg		20.0		110	70-130	5	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg		20.0		108	70-130	4	25
Tetrachloroethene	21.5		µg/kg		20.0		108	70-130	13	25
Toluene	19.4		µg/kg		20.0		97	70-130	3	25
1,2,3-Trichlorobenzene	24.3		µg/kg		20.0		122	70-130	9	25
1,2,4-Trichlorobenzene	23.7		µg/kg		20.0		118	70-130	14	25
1,1,1-Trichloroethane	20.9		µg/kg		20.0		104	70-130	0	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051777 - SW846 5035A Soil (low level)										
LCS Dup (7051777-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichloroethane	22.2		µg/kg		20.0		111	70-130	0.9	25
Trichloroethene	21.2		µg/kg		20.0		106	70-130	6	25
Trichlorofluoromethane (Freon 11)	21.3		µg/kg		20.0		106	56.8-140	4	50
1,2,3-Trichloropropane	22.3		µg/kg		20.0		112	70-130	4	25
1,2,4-Trimethylbenzene	19.8		µg/kg		20.0		99	70-130	5	25
1,3,5-Trimethylbenzene	18.9		µg/kg		20.0		94	70-130	5	25
Vinyl chloride	22.3		µg/kg		20.0		112	70-130	0.9	25
m,p-Xylene	41.8		µg/kg		40.0		104	70-130	4	25
o-Xylene	21.6		µg/kg		20.0		108	70-130	0.9	25
Tetrahydrofuran	18.0		µg/kg		20.0		90	70-130	5	25
Ethyl ether	20.2		µg/kg		20.0		101	65.3-130	2	50
Tert-amyl methyl ether	19.5		µg/kg		20.0		98	70-130	2	25
Ethyl tert-butyl ether	19.8		µg/kg		20.0		99	70-130	3	25
Di-isopropyl ether	18.9		µg/kg		20.0		94	70-130	1	25
Tert-Butanol / butyl alcohol	203		µg/kg		200		102	70-130	2	25
1,4-Dioxane	179		µg/kg		200		90	34-155	5	25
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/kg		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/kg		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.5*		µg/kg		*50.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/kg		*50.0*		*101*	*70-130*		
Batch 7051788 - SW846 5030 Soil (high level)										
Blank (7051788-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg	1.0						
Acetone	BRL		µg/kg	10.0						
Acrylonitrile	BRL		µg/kg	1.0						
Benzene	BRL		µg/kg	1.0						
Bromobenzene	BRL		µg/kg	1.0						
Bromochloromethane	BRL		µg/kg	1.0						
Bromodichloromethane	BRL		µg/kg	1.0						
Bromoform	BRL		µg/kg	1.0						
Bromomethane	BRL		µg/kg	2.0						
2-Butanone (MEK)	BRL		µg/kg	10.0						
n-Butylbenzene	BRL		µg/kg	1.0						
sec-Butylbenzene	BRL		µg/kg	1.0						
tert-Butylbenzene	BRL		µg/kg	1.0						
Carbon disulfide	BRL		µg/kg	5.0						
Carbon tetrachloride	BRL		µg/kg	1.0						
Chlorobenzene	BRL		µg/kg	1.0						
Chloroethane	BRL		µg/kg	2.0						
Chloroform	BRL		µg/kg	1.0						
Chloromethane	BRL		µg/kg	2.0						
2-Chlorotoluene	BRL		µg/kg	1.0						
4-Chlorotoluene	BRL		µg/kg	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg	2.0						
Dibromochloromethane	BRL		µg/kg	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg	1.0						
Dibromomethane	BRL		µg/kg	1.0						
1,2-Dichlorobenzene	BRL		µg/kg	1.0						
1,3-Dichlorobenzene	BRL		µg/kg	1.0						
1,4-Dichlorobenzene	BRL		µg/kg	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051788 - SW846 5030 Soil (high level)										
Blank (7051788-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Dichlorodifluoromethane (Freon12)	BRL		µg/kg	2.0						
1,1-Dichloroethane	BRL		µg/kg	1.0						
1,2-Dichloroethane	BRL		µg/kg	1.0						
1,1-Dichloroethene	BRL		µg/kg	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg	1.0						
1,2-Dichloropropane	BRL		µg/kg	1.0						
1,3-Dichloropropane	BRL		µg/kg	1.0						
2,2-Dichloropropane	BRL		µg/kg	1.0						
1,1-Dichloropropene	BRL		µg/kg	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg	1.0						
Ethylbenzene	BRL		µg/kg	1.0						
Hexachlorobutadiene	BRL		µg/kg	1.0						
2-Hexanone (MBK)	BRL		µg/kg	10.0						
Isopropylbenzene	BRL		µg/kg	1.0						
4-Isopropyltoluene	BRL		µg/kg	1.0						
Methyl tert-butyl ether	BRL		µg/kg	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	10.0						
Methylene chloride	BRL		µg/kg	10.0						
Naphthalene	BRL		µg/kg	1.0						
n-Propylbenzene	BRL		µg/kg	1.0						
Styrene	BRL		µg/kg	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg	1.0						
Tetrachloroethene	BRL		µg/kg	1.0						
Toluene	BRL		µg/kg	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg	1.0						
1,1,1-Trichloroethane	BRL		µg/kg	1.0						
1,1,2-Trichloroethane	BRL		µg/kg	1.0						
Trichloroethene	BRL		µg/kg	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg	1.0						
1,2,3-Trichloropropane	BRL		µg/kg	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg	1.0						
Vinyl chloride	BRL		µg/kg	1.0						
m,p-Xylene	BRL		µg/kg	2.0						
o-Xylene	BRL		µg/kg	1.0						
Tetrahydrofuran	BRL		µg/kg	10.0						
Ethyl ether	BRL		µg/kg	1.0						
Tert-amyl methyl ether	BRL		µg/kg	1.0						
Ethyl tert-butyl ether	BRL		µg/kg	1.0						
Di-isopropyl ether	BRL		µg/kg	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg	10.0						
1,4-Dioxane	BRL		µg/kg	20.0						
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/kg		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/kg		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.5*		µg/kg		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg		*30.0*		*101*	*70-130*		
LCS (7051788-BS1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051788 - SW846 5030 Soil (high level)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.8		µg/kg		20.0		114	70-130		
Acetone	19.8		µg/kg		20.0		99	1.77-175		
Acrylonitrile	20.1		µg/kg		20.0		100	70-130		
Benzene	20.3		µg/kg		20.0		102	70-130		
Bromobenzene	22.6		µg/kg		20.0		113	70-130		
Bromochloromethane	20.5		µg/kg		20.0		102	70-130		
Bromodichloromethane	21.9		µg/kg		20.0		110	70-130		
Bromoform	24.6		µg/kg		20.0		123	70-130		
Bromomethane	19.6		µg/kg		20.0		98	55.3-136		
2-Butanone (MEK)	17.4		µg/kg		20.0		87	38.8-142		
n-Butylbenzene	19.2		µg/kg		20.0		96	70-130		
sec-Butylbenzene	21.7		µg/kg		20.0		108	70-130		
tert-Butylbenzene	22.3		µg/kg		20.0		112	70-130		
Carbon disulfide	19.7		µg/kg		20.0		98	70-130		
Carbon tetrachloride	22.6		µg/kg		20.0		113	70-130		
Chlorobenzene	22.1		µg/kg		20.0		110	70-130		
Chloroethane	18.6		µg/kg		20.0		93	55.3-130		
Chloroform	20.7		µg/kg		20.0		104	70-130		
Chloromethane	20.8		µg/kg		20.0		104	70-130		
2-Chlorotoluene	21.8		µg/kg		20.0		109	70-130		
4-Chlorotoluene	21.9		µg/kg		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	21.0		µg/kg		20.0		105	70-130		
Dibromochloromethane	22.2		µg/kg		20.0		111	64.7-139		
1,2-Dibromoethane (EDB)	21.3		µg/kg		20.0		106	70-130		
Dibromomethane	22.0		µg/kg		20.0		110	70-130		
1,2-Dichlorobenzene	21.9		µg/kg		20.0		110	70-130		
1,3-Dichlorobenzene	22.8		µg/kg		20.0		114	70-130		
1,4-Dichlorobenzene	21.0		µg/kg		20.0		105	70-130		
Dichlorodifluoromethane (Freon12)	25.1		µg/kg		20.0		126	34.4-167		
1,1-Dichloroethane	20.5		µg/kg		20.0		102	70-130		
1,2-Dichloroethane	20.7		µg/kg		20.0		104	70-130		
1,1-Dichloroethene	19.9		µg/kg		20.0		100	70-130		
cis-1,2-Dichloroethene	21.1		µg/kg		20.0		106	70-130		
trans-1,2-Dichloroethene	19.5		µg/kg		20.0		98	70-130		
1,2-Dichloropropane	19.9		µg/kg		20.0		100	70-130		
1,3-Dichloropropane	21.3		µg/kg		20.0		106	70-130		
2,2-Dichloropropane	22.1		µg/kg		20.0		110	70-130		
1,1-Dichloropropene	20.3		µg/kg		20.0		102	70-130		
cis-1,3-Dichloropropene	20.6		µg/kg		20.0		103	70-130		
trans-1,3-Dichloropropene	20.8		µg/kg		20.0		104	70-130		
Ethylbenzene	21.6		µg/kg		20.0		108	70-130		
Hexachlorobutadiene	18.1		µg/kg		20.0		90	60.7-140		
2-Hexanone (MBK)	18.7		µg/kg		20.0		94	70-130		
Isopropylbenzene	21.2		µg/kg		20.0		106	70-130		
4-Isopropyltoluene	20.8		µg/kg		20.0		104	70-130		
Methyl tert-butyl ether	20.4		µg/kg		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	19.9		µg/kg		20.0		100	46.1-145		
Methylene chloride	18.6		µg/kg		20.0		93	70-130		
Naphthalene	19.4		µg/kg		20.0		97	70-130		
n-Propylbenzene	21.2		µg/kg		20.0		106	70-130		
Styrene	22.2		µg/kg		20.0		111	70-130		
1,1,1,2-Tetrachloroethane	22.1		µg/kg		20.0		110	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051788 - SW846 5030 Soil (high level)										
LCS (7051788-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2,2-Tetrachloroethane	22.0		µg/kg		20.0		110	70-130		
Tetrachloroethene	21.0		µg/kg		20.0		105	70-130		
Toluene	20.3		µg/kg		20.0		102	70-130		
1,2,3-Trichlorobenzene	19.1		µg/kg		20.0		96	70-130		
1,2,4-Trichlorobenzene	18.6		µg/kg		20.0		93	70-130		
1,1,1-Trichloroethane	21.3		µg/kg		20.0		106	70-130		
1,1,2-Trichloroethane	21.3		µg/kg		20.0		106	70-130		
Trichloroethene	20.4		µg/kg		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.8		µg/kg		20.0		109	56.8-140		
1,2,3-Trichloropropane	24.6		µg/kg		20.0		123	70-130		
1,2,4-Trimethylbenzene	21.1		µg/kg		20.0		106	70-130		
1,3,5-Trimethylbenzene	21.9		µg/kg		20.0		110	70-130		
Vinyl chloride	22.1		µg/kg		20.0		110	70-130		
m,p-Xylene	44.5		µg/kg		40.0		111	70-130		
o-Xylene	22.4		µg/kg		20.0		112	70-130		
Tetrahydrofuran	19.2		µg/kg		20.0		96	70-130		
Ethyl ether	20.0		µg/kg		20.0		100	65.3-130		
Tert-amyl methyl ether	20.6		µg/kg		20.0		103	70-130		
Ethyl tert-butyl ether	21.0		µg/kg		20.0		105	70-130		
Di-isopropyl ether	19.5		µg/kg		20.0		98	70-130		
Tert-Butanol / butyl alcohol	227		µg/kg		200		114	70-130		
1,4-Dioxane	194		µg/kg		200		97	34-155		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.3*		µg/kg		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/kg		*30.0*		*101*	*70-130*		
LCS Dup (7051788-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.9		µg/kg		20.0		110	70-130	4	25
Acetone	18.4		µg/kg		20.0		92	1.77-175	7	50
Acrylonitrile	21.8		µg/kg		20.0		109	70-130	9	25
Benzene	19.2		µg/kg		20.0		96	70-130	6	25
Bromobenzene	21.6		µg/kg		20.0		108	70-130	5	25
Bromochloromethane	20.4		µg/kg		20.0		102	70-130	0	25
Bromodichloromethane	21.3		µg/kg		20.0		106	70-130	4	25
Bromoform	23.8		µg/kg		20.0		119	70-130	3	25
Bromomethane	17.9		µg/kg		20.0		90	55.3-136	9	50
2-Butanone (MEK)	19.3		µg/kg		20.0		96	38.8-142	10	50
n-Butylbenzene	19.3		µg/kg		20.0		96	70-130	0	25
sec-Butylbenzene	21.0		µg/kg		20.0		105	70-130	3	25
tert-Butylbenzene	21.4		µg/kg		20.0		107	70-130	5	25
Carbon disulfide	18.8		µg/kg		20.0		94	70-130	4	25
Carbon tetrachloride	21.0		µg/kg		20.0		105	70-130	7	25
Chlorobenzene	21.0		µg/kg		20.0		105	70-130	5	25
Chloroethane	18.3		µg/kg		20.0		92	55.3-130	1	50
Chloroform	19.8		µg/kg		20.0		99	70-130	5	25
Chloromethane	19.5		µg/kg		20.0		98	70-130	6	25
2-Chlorotoluene	20.4		µg/kg		20.0		102	70-130	7	25
4-Chlorotoluene	20.9		µg/kg		20.0		104	70-130	6	25
1,2-Dibromo-3-chloropropane	21.9		µg/kg		20.0		110	70-130	5	25
Dibromochloromethane	22.0		µg/kg		20.0		110	64.7-139	0.9	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051788 - SW846 5030 Soil (high level)										
LCS Dup (7051788-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
1,2-Dibromoethane (EDB)	21.3		µg/kg		20.0		106	70-130	0	25
Dibromomethane	21.5		µg/kg		20.0		108	70-130	2	25
1,2-Dichlorobenzene	21.1		µg/kg		20.0		106	70-130	4	25
1,3-Dichlorobenzene	21.8		µg/kg		20.0		109	70-130	4	25
1,4-Dichlorobenzene	20.2		µg/kg		20.0		101	70-130	4	25
Dichlorodifluoromethane (Freon12)	24.8		µg/kg		20.0		124	34.4-167	2	50
1,1-Dichloroethane	19.8		µg/kg		20.0		99	70-130	3	25
1,2-Dichloroethane	20.4		µg/kg		20.0		102	70-130	2	25
1,1-Dichloroethene	19.4		µg/kg		20.0		97	70-130	3	25
cis-1,2-Dichloroethene	20.5		µg/kg		20.0		102	70-130	4	25
trans-1,2-Dichloroethene	18.8		µg/kg		20.0		94	70-130	4	25
1,2-Dichloropropane	19.2		µg/kg		20.0		96	70-130	4	25
1,3-Dichloropropane	21.2		µg/kg		20.0		106	70-130	0	25
2,2-Dichloropropane	21.1		µg/kg		20.0		106	70-130	4	25
1,1-Dichloropropene	19.2		µg/kg		20.0		96	70-130	6	25
cis-1,3-Dichloropropene	20.3		µg/kg		20.0		102	70-130	1	25
trans-1,3-Dichloropropene	20.6		µg/kg		20.0		103	70-130	1	25
Ethylbenzene	20.5		µg/kg		20.0		102	70-130	6	25
Hexachlorobutadiene	20.4		µg/kg		20.0		102	60.7-140	12	50
2-Hexanone (MBK)	19.3		µg/kg		20.0		96	70-130	2	25
Isopropylbenzene	19.7		µg/kg		20.0		98	70-130	8	25
4-Isopropyltoluene	20.2		µg/kg		20.0		101	70-130	3	25
Methyl tert-butyl ether	20.9		µg/kg		20.0		104	70-130	2	25
4-Methyl-2-pentanone (MIBK)	20.4		µg/kg		20.0		102	46.1-145	2	50
Methylene chloride	18.0		µg/kg		20.0		90	70-130	3	25
Naphthalene	22.2		µg/kg		20.0		111	70-130	13	25
n-Propylbenzene	20.2		µg/kg		20.0		101	70-130	5	25
Styrene	21.3		µg/kg		20.0		106	70-130	5	25
1,1,1,2-Tetrachloroethane	21.7		µg/kg		20.0		108	70-130	2	25
1,1,2,2-Tetrachloroethane	21.9		µg/kg		20.0		110	70-130	0	25
Tetrachloroethene	19.8		µg/kg		20.0		99	70-130	6	25
Toluene	19.2		µg/kg		20.0		96	70-130	6	25
1,2,3-Trichlorobenzene	21.1		µg/kg		20.0		106	70-130	10	25
1,2,4-Trichlorobenzene	20.0		µg/kg		20.0		100	70-130	7	25
1,1,1-Trichloroethane	20.3		µg/kg		20.0		102	70-130	4	25
1,1,2-Trichloroethane	21.2		µg/kg		20.0		106	70-130	0	25
Trichloroethene	19.4		µg/kg		20.0		97	70-130	5	25
Trichlorofluoromethane (Freon 11)	21.1		µg/kg		20.0		106	56.8-140	3	50
1,2,3-Trichloropropane	24.6		µg/kg		20.0		123	70-130	0	25
1,2,4-Trimethylbenzene	20.6		µg/kg		20.0		103	70-130	3	25
1,3,5-Trimethylbenzene	21.0		µg/kg		20.0		105	70-130	5	25
Vinyl chloride	20.9		µg/kg		20.0		104	70-130	6	25
m,p-Xylene	41.8		µg/kg		40.0		104	70-130	7	25
o-Xylene	21.3		µg/kg		20.0		106	70-130	6	25
Tetrahydrofuran	19.3		µg/kg		20.0		96	70-130	0	25
Ethyl ether	20.6		µg/kg		20.0		103	65.3-130	3	50
Tert-amyl methyl ether	20.4		µg/kg		20.0		102	70-130	1	25
Ethyl tert-butyl ether	20.8		µg/kg		20.0		104	70-130	1	25
Di-isopropyl ether	19.2		µg/kg		20.0		96	70-130	2	25
Tert-Butanol / butyl alcohol	248		µg/kg		200		124	70-130	8	25
1,4-Dioxane	203		µg/kg		200		102	34-155	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051788 - SW846 5030 Soil (high level)										
LCS Dup (7051788-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Surrogate: 4-Bromofluorobenzene	*31.5*		µg/kg		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.1*		µg/kg		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg		*30.0*		*102*	*70-130*		
Batch 7051896 - SW846 5030 Water MS										
Blank (7051896-BLK1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051896 - SW846 5030 Water MS										
Blank (7051896-BLK1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*48.7*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.2*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*51.5*		µg/l		*50.0*		*103*	*70-130*		
LCS (7051896-BS1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.7		µg/l		20.0		118	70-130		
Acetone	17.4		µg/l		20.0		87	41.1-147		
Acrylonitrile	21.9		µg/l		20.0		110	70-130		
Benzene	20.7		µg/l		20.0		104	70-130		
Bromobenzene	21.3		µg/l		20.0		106	70-130		
Bromochloromethane	21.9		µg/l		20.0		110	70-130		
Bromodichloromethane	22.9		µg/l		20.0		114	70-130		
Bromoform	22.4		µg/l		20.0		112	70-130		
Bromomethane	21.8		µg/l		20.0		109	62-136		
2-Butanone (MEK)	15.3		µg/l		20.0		76	53.9-133		
n-Butylbenzene	17.8		µg/l		20.0		89	70-130		
sec-Butylbenzene	21.6		µg/l		20.0		108	70-130		
tert-Butylbenzene	21.8		µg/l		20.0		109	70-130		
Carbon disulfide	19.2		µg/l		20.0		96	70-130		
Carbon tetrachloride	28.2	QC2	µg/l		20.0		141	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051896 - SW846 5030 Water MS										
LCS (7051896-BS1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
Chlorobenzene	20.9		µg/l		20.0		104	70-130		
Chloroethane	23.2		µg/l		20.0		116	62.8-132		
Chloroform	22.3		µg/l		20.0		112	70-130		
Chloromethane	25.0		µg/l		20.0		125	70-130		
2-Chlorotoluene	21.4		µg/l		20.0		107	70-130		
4-Chlorotoluene	20.7		µg/l		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	20.3		µg/l		20.0		102	70-130		
Dibromochloromethane	23.7		µg/l		20.0		118	70-143		
1,2-Dibromoethane (EDB)	21.2		µg/l		20.0		106	70-130		
Dibromomethane	20.8		µg/l		20.0		104	70-130		
1,2-Dichlorobenzene	20.6		µg/l		20.0		103	70-130		
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	70-130		
1,4-Dichlorobenzene	19.8		µg/l		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	26.2		µg/l		20.0		131	39.3-167		
1,1-Dichloroethane	21.5		µg/l		20.0		108	70-130		
1,2-Dichloroethane	21.9		µg/l		20.0		110	70-130		
1,1-Dichloroethene	20.3		µg/l		20.0		102	70-130		
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	20.6		µg/l		20.0		103	70-130		
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130		
1,3-Dichloropropane	20.2		µg/l		20.0		101	70-130		
2,2-Dichloropropane	25.9		µg/l		20.0		130	70-130		
1,1-Dichloropropene	21.0		µg/l		20.0		105	70-130		
cis-1,3-Dichloropropene	21.2		µg/l		20.0		106	70-130		
trans-1,3-Dichloropropene	22.8		µg/l		20.0		114	70-130		
Ethylbenzene	21.0		µg/l		20.0		105	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		100	70-136		
2-Hexanone (MBK)	18.0		µg/l		20.0		90	56.3-131		
Isopropylbenzene	20.5		µg/l		20.0		102	70-130		
4-Isopropyltoluene	21.0		µg/l		20.0		105	70-130		
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	20.5		µg/l		20.0		102	70-130		
Methylene chloride	19.4		µg/l		20.0		97	70-130		
Naphthalene	16.3		µg/l		20.0		82	70-130		
n-Propylbenzene	20.5		µg/l		20.0		102	70-130		
Styrene	21.0		µg/l		20.0		105	70-130		
1,1,1,2-Tetrachloroethane	23.8		µg/l		20.0		119	70-130		
1,1,2,2-Tetrachloroethane	19.1		µg/l		20.0		96	70-130		
Tetrachloroethene	23.0		µg/l		20.0		115	70-130		
Toluene	19.8		µg/l		20.0		99	70-130		
1,2,3-Trichlorobenzene	17.8		µg/l		20.0		89	70-130		
1,2,4-Trichlorobenzene	17.2		µg/l		20.0		86	70-130		
1,1,1-Trichloroethane	24.5		µg/l		20.0		122	70-130		
1,1,2-Trichloroethane	20.8		µg/l		20.0		104	70-130		
Trichloroethene	21.1		µg/l		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	23.3		µg/l		20.0		116	70-130		
1,2,3-Trichloropropane	21.7		µg/l		20.0		108	70-130		
1,2,4-Trimethylbenzene	21.0		µg/l		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.8		µg/l		20.0		104	70-130		
Vinyl chloride	21.3		µg/l		20.0		106	70-130		
m,p-Xylene	42.9		µg/l		40.0		107	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051896 - SW846 5030 Water MS										
LCS (7051896-BS1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
o-Xylene	22.1		µg/l		20.0		110	70-130		
Tetrahydrofuran	20.3		µg/l		20.0		102	70-130		
Ethyl ether	22.0		µg/l		20.0		110	70-130		
Tert-amyl methyl ether	20.5		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	23.5		µg/l		20.0		118	70-130		
Di-isopropyl ether	20.0		µg/l		20.0		100	70-130		
Tert-Butanol / butyl alcohol	241		µg/l		200		120	70-130		
1,4-Dioxane	205		µg/l		200		102	70-130		
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.9*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7051896-BSD1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.3		µg/l		20.0		126	70-130	7	25
Acetone	16.9		µg/l		20.0		84	41.1-147	4	50
Acrylonitrile	22.2		µg/l		20.0		111	70-130	0.9	25
Benzene	20.6		µg/l		20.0		103	70-130	1	25
Bromobenzene	22.1		µg/l		20.0		110	70-130	4	25
Bromochloromethane	23.3		µg/l		20.0		116	70-130	5	25
Bromodichloromethane	23.1		µg/l		20.0		116	70-130	2	25
Bromoform	22.9		µg/l		20.0		114	70-130	2	25
Bromomethane	19.8		µg/l		20.0		99	62-136	10	50
2-Butanone (MEK)	16.5		µg/l		20.0		82	53.9-133	8	50
n-Butylbenzene	21.3		µg/l		20.0		106	70-130	17	25
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130	5	25
tert-Butylbenzene	22.5		µg/l		20.0		112	70-130	3	25
Carbon disulfide	19.0		µg/l		20.0		95	70-130	1	25
Carbon tetrachloride	28.2	QC2	µg/l		20.0		141	70-130	0	25
Chlorobenzene	21.4		µg/l		20.0		107	70-130	3	25
Chloroethane	21.4		µg/l		20.0		107	62.8-132	8	50
Chloroform	22.3		µg/l		20.0		112	70-130	0	25
Chloromethane	25.9		µg/l		20.0		130	70-130	4	25
2-Chlorotoluene	21.9		µg/l		20.0		110	70-130	3	25
4-Chlorotoluene	22.3		µg/l		20.0		112	70-130	7	25
1,2-Dibromo-3-chloropropane	21.0		µg/l		20.0		105	70-130	3	25
Dibromochloromethane	24.3		µg/l		20.0		122	70-143	3	50
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130	2	25
Dibromomethane	21.5		µg/l		20.0		108	70-130	4	25
1,2-Dichlorobenzene	21.4		µg/l		20.0		107	70-130	4	25
1,3-Dichlorobenzene	23.9		µg/l		20.0		120	70-130	11	25
1,4-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	2	25
Dichlorodifluoromethane (Freon12)	27.1		µg/l		20.0		136	39.3-167	4	50
1,1-Dichloroethane	21.4		µg/l		20.0		107	70-130	0.9	25
1,2-Dichloroethane	22.4		µg/l		20.0		112	70-130	2	25
1,1-Dichloroethene	20.4		µg/l		20.0		102	70-130	0	25
cis-1,2-Dichloroethene	21.6		µg/l		20.0		108	70-130	0.9	25
trans-1,2-Dichloroethene	20.5		µg/l		20.0		102	70-130	1	25
1,2-Dichloropropane	20.5		µg/l		20.0		102	70-130	0	25
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130	4	25
2,2-Dichloropropane	26.0		µg/l		20.0		130	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051896 - SW846 5030 Water MS										
LCS Dup (7051896-BSD1)										
Prepared: 24-May-07 Analyzed: 25-May-07										
1,1-Dichloropropene	21.0		µg/l		20.0		105	70-130	0	25
cis-1,3-Dichloropropene	21.3		µg/l		20.0		106	70-130	0	25
trans-1,3-Dichloropropene	22.7		µg/l		20.0		114	70-130	0	25
Ethylbenzene	20.8		µg/l		20.0		104	70-130	1	25
Hexachlorobutadiene	19.4		µg/l		20.0		97	70-136	3	50
2-Hexanone (MBK)	18.1		µg/l		20.0		90	56.3-131	0	25
Isopropylbenzene	20.3		µg/l		20.0		102	70-130	0	25
4-Isopropyltoluene	22.0		µg/l		20.0		110	70-130	5	25
Methyl tert-butyl ether	21.2		µg/l		20.0		106	70-130	4	25
4-Methyl-2-pentanone (MIBK)	20.4		µg/l		20.0		102	70-130	0	50
Methylene chloride	19.9		µg/l		20.0		100	70-130	3	25
Naphthalene	28.2	QC1	µg/l		20.0		141	70-130	53	25
n-Propylbenzene	21.0		µg/l		20.0		105	70-130	3	25
Styrene	21.7		µg/l		20.0		108	70-130	3	25
1,1,1,2-Tetrachloroethane	24.4		µg/l		20.0		122	70-130	2	25
1,1,2,2-Tetrachloroethane	20.3		µg/l		20.0		102	70-130	6	25
Tetrachloroethene	22.0		µg/l		20.0		110	70-130	4	25
Toluene	19.4		µg/l		20.0		97	70-130	2	25
1,2,3-Trichlorobenzene	26.2	QC1	µg/l		20.0		131	70-130	38	25
1,2,4-Trichlorobenzene	25.7	QR2	µg/l		20.0		128	70-130	39	25
1,1,1-Trichloroethane	24.3		µg/l		20.0		122	70-130	0	25
1,1,2-Trichloroethane	21.3		µg/l		20.0		106	70-130	2	25
Trichloroethene	20.8		µg/l		20.0		104	70-130	2	25
Trichlorofluoromethane (Freon 11)	24.2		µg/l		20.0		121	70-130	4	50
1,2,3-Trichloropropane	22.8		µg/l		20.0		114	70-130	5	25
1,2,4-Trimethylbenzene	26.2	QC1	µg/l		20.0		131	70-130	22	25
1,3,5-Trimethylbenzene	23.0		µg/l		20.0		115	70-130	10	25
Vinyl chloride	24.9		µg/l		20.0		124	70-130	16	25
m,p-Xylene	42.9		µg/l		40.0		107	70-130	0	25
o-Xylene	22.3		µg/l		20.0		112	70-130	2	25
Tetrahydrofuran	20.0		µg/l		20.0		100	70-130	2	25
Ethyl ether	22.8		µg/l		20.0		114	70-130	4	50
Tert-amyl methyl ether	21.6		µg/l		20.0		108	70-130	6	25
Ethyl tert-butyl ether	24.0		µg/l		20.0		120	70-130	2	25
Di-isopropyl ether	20.2		µg/l		20.0		101	70-130	1	25
Tert-Butanol / butyl alcohol	226		µg/l		200		113	70-130	6	25
1,4-Dioxane	202		µg/l		200		101	70-130	1	25
Surrogate: 4-Bromofluorobenzene	*51.5*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.9*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7051896-MS1) **Source: SA62343-02**										
Prepared: 24-May-07 Analyzed: 25-May-07										
Benzene	22.2		µg/l		20.0	BRL	111	70-130		
Chlorobenzene	24.2		µg/l		20.0	BRL	121	70-130		
1,1-Dichloroethene	18.6		µg/l		20.0	BRL	93	70-130		
Toluene	22.4		µg/l		20.0	0.690	109	70-130		
Trichloroethene	21.2		µg/l		20.0	BRL	106	70-130		
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051896 - SW846 5030 Water MS										
Matrix Spike Dup (7051896-MSD1) Source: SA62343-02										
Prepared: 24-May-07 Analyzed: 25-May-07										
Benzene	21.4		µg/l		20.0	BRL	107	70-130	4	30
Chlorobenzene	23.4		µg/l		20.0	BRL	117	70-130	3	30
1,1-Dichloroethene	18.3		µg/l		20.0	BRL	92	70-130	1	30
Toluene	21.5		µg/l		20.0	0.690	104	70-130	5	30
Trichloroethene	21.1		µg/l		20.0	BRL	106	70-130	0	30
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.3*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Batch 7052043 - SW846 5030 Soil (high level)										
Blank (7052043-BLK1)										
Prepared & Analyzed: 26-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg	1.0						
Acetone	BRL		µg/kg	10.0						
Acrylonitrile	BRL		µg/kg	1.0						
Benzene	BRL		µg/kg	1.0						
Bromobenzene	BRL		µg/kg	1.0						
Bromochloromethane	BRL		µg/kg	1.0						
Bromodichloromethane	BRL		µg/kg	1.0						
Bromoform	BRL		µg/kg	1.0						
Bromomethane	BRL		µg/kg	2.0						
2-Butanone (MEK)	BRL		µg/kg	10.0						
n-Butylbenzene	BRL		µg/kg	1.0						
sec-Butylbenzene	BRL		µg/kg	1.0						
tert-Butylbenzene	BRL		µg/kg	1.0						
Carbon disulfide	BRL		µg/kg	5.0						
Carbon tetrachloride	BRL		µg/kg	1.0						
Chlorobenzene	BRL		µg/kg	1.0						
Chloroethane	BRL		µg/kg	2.0						
Chloroform	BRL		µg/kg	1.0						
Chloromethane	BRL		µg/kg	2.0						
2-Chlorotoluene	BRL		µg/kg	1.0						
4-Chlorotoluene	BRL		µg/kg	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg	2.0						
Dibromochloromethane	BRL		µg/kg	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg	1.0						
Dibromomethane	BRL		µg/kg	1.0						
1,2-Dichlorobenzene	BRL		µg/kg	1.0						
1,3-Dichlorobenzene	BRL		µg/kg	1.0						
1,4-Dichlorobenzene	BRL		µg/kg	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg	2.0						
1,1-Dichloroethane	BRL		µg/kg	1.0						
1,2-Dichloroethane	BRL		µg/kg	1.0						
1,1-Dichloroethene	BRL		µg/kg	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg	1.0						
1,2-Dichloropropane	BRL		µg/kg	1.0						
1,3-Dichloropropane	BRL		µg/kg	1.0						
2,2-Dichloropropane	BRL		µg/kg	1.0						
1,1-Dichloropropene	BRL		µg/kg	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052043 - SW846 5030 Soil (high level)										
Blank (7052043-BLK1)										
Prepared & Analyzed: 26-May-07										
trans-1,3-Dichloropropene	BRL		µg/kg	1.0						
Ethylbenzene	BRL		µg/kg	1.0						
Hexachlorobutadiene	BRL		µg/kg	1.0						
2-Hexanone (MBK)	BRL		µg/kg	10.0						
Isopropylbenzene	BRL		µg/kg	1.0						
4-Isopropyltoluene	BRL		µg/kg	1.0						
Methyl tert-butyl ether	BRL		µg/kg	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	10.0						
Methylene chloride	BRL		µg/kg	10.0						
Naphthalene	BRL		µg/kg	1.0						
n-Propylbenzene	BRL		µg/kg	1.0						
Styrene	BRL		µg/kg	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg	1.0						
Tetrachloroethene	BRL		µg/kg	1.0						
Toluene	BRL		µg/kg	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg	1.0						
1,1,1-Trichloroethane	BRL		µg/kg	1.0						
1,1,2-Trichloroethane	BRL		µg/kg	1.0						
Trichloroethene	BRL		µg/kg	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg	1.0						
1,2,3-Trichloropropane	BRL		µg/kg	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg	1.0						
Vinyl chloride	BRL		µg/kg	1.0						
m,p-Xylene	BRL		µg/kg	2.0						
o-Xylene	BRL		µg/kg	1.0						
Tetrahydrofuran	BRL		µg/kg	10.0						
Ethyl ether	BRL		µg/kg	1.0						
Tert-amyl methyl ether	BRL		µg/kg	1.0						
Ethyl tert-butyl ether	BRL		µg/kg	1.0						
Di-isopropyl ether	BRL		µg/kg	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg	10.0						
1,4-Dioxane	BRL		µg/kg	20.0						
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*29.7*		µg/kg		*30.0*		*99*	*70-130*		
LCS (7052043-BS1)										
Prepared & Analyzed: 26-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.3		µg/kg	1.0				70-130		
Acetone	21.9		µg/kg	10.0				1.77-175		
Acrylonitrile	22.0		µg/kg	1.0				70-130		
Benzene	20.9		µg/kg		20.0		104	70-130		
Bromobenzene	23.6		µg/kg	1.0				70-130		
Bromochloromethane	20.9		µg/kg	1.0				70-130		
Bromodichloromethane	21.4		µg/kg	1.0				70-130		
Bromoform	25.7		µg/kg	1.0				70-130		
Bromomethane	21.3		µg/kg	2.0				55.3-136		
2-Butanone (MEK)	18.3		µg/kg	10.0				38.8-142		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052043 - SW846 5030 Soil (high level)										
LCS (7052043-BS1)										
Prepared & Analyzed: 26-May-07										
n-Butylbenzene	19.6		µg/kg	1.0				70-130		
sec-Butylbenzene	22.5		µg/kg	1.0				70-130		
tert-Butylbenzene	23.2		µg/kg	1.0				70-130		
Carbon disulfide	19.9		µg/kg	5.0				70-130		
Carbon tetrachloride	22.4		µg/kg	1.0				70-130		
Chlorobenzene	22.9		µg/kg	1.0				70-130		
Chloroethane	19.4		µg/kg	2.0				55.3-130		
Chloroform	20.9		µg/kg	1.0				70-130		
Chloromethane	20.3		µg/kg	2.0				70-130		
2-Chlorotoluene	22.5		µg/kg	1.0				70-130		
4-Chlorotoluene	22.6		µg/kg	1.0				70-130		
1,2-Dibromo-3-chloropropane	21.9		µg/kg	2.0				70-130		
Dibromochloromethane	22.3		µg/kg	1.0				64.7-139		
1,2-Dibromoethane (EDB)	22.2		µg/kg	1.0				70-130		
Dibromomethane	22.7		µg/kg	1.0				70-130		
1,2-Dichlorobenzene	22.4		µg/kg	1.0				70-130		
1,3-Dichlorobenzene	23.3		µg/kg	1.0				70-130		
1,4-Dichlorobenzene	21.6		µg/kg	1.0				70-130		
Dichlorodifluoromethane (Freon12)	25.5		µg/kg	2.0				34.4-167		
1,1-Dichloroethane	20.5		µg/kg	1.0				70-130		
1,2-Dichloroethane	20.4		µg/kg	1.0				70-130		
1,1-Dichloroethene	20.7		µg/kg	1.0				70-130		
cis-1,2-Dichloroethene	21.4		µg/kg	1.0				70-130		
trans-1,2-Dichloroethene	20.3		µg/kg	1.0				70-130		
1,2-Dichloropropane	20.3		µg/kg	1.0				70-130		
1,3-Dichloropropane	22.0		µg/kg	1.0				70-130		
2,2-Dichloropropane	20.9		µg/kg	1.0				70-130		
1,1-Dichloropropene	20.8		µg/kg	1.0				70-130		
cis-1,3-Dichloropropene	20.7		µg/kg	1.0				70-130		
trans-1,3-Dichloropropene	20.7		µg/kg	1.0				70-130		
Ethylbenzene	22.6		µg/kg		20.0		113	70-130		
Hexachlorobutadiene	20.0		µg/kg	1.0				60.7-140		
2-Hexanone (MBK)	19.5		µg/kg	10.0				70-130		
Isopropylbenzene	22.0		µg/kg	1.0				70-130		
4-Isopropyltoluene	21.1		µg/kg	1.0				70-130		
Methyl tert-butyl ether	21.3		µg/kg		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	20.7		µg/kg	10.0				46.1-145		
Methylene chloride	18.6		µg/kg	10.0				70-130		
Naphthalene	21.4		µg/kg		20.0		107	70-130		
n-Propylbenzene	21.6		µg/kg	1.0				70-130		
Styrene	24.0		µg/kg	1.0				70-130		
1,1,1,2-Tetrachloroethane	22.8		µg/kg	1.0				70-130		
1,1,2,2-Tetrachloroethane	23.6		µg/kg	1.0				70-130		
Tetrachloroethene	22.1		µg/kg	1.0				70-130		
Toluene	20.8		µg/kg		20.0		104	70-130		
1,2,3-Trichlorobenzene	21.0		µg/kg	1.0				70-130		
1,2,4-Trichlorobenzene	19.6		µg/kg	1.0				70-130		
1,1,1-Trichloroethane	21.1		µg/kg	1.0				70-130		
1,1,2-Trichloroethane	22.0		µg/kg	1.0				70-130		
Trichloroethene	20.9		µg/kg	1.0				70-130		
Trichlorofluoromethane (Freon 11)	21.8		µg/kg	1.0				56.8-140		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052043 - SW846 5030 Soil (high level)										
LCS (7052043-BS1)										
Prepared & Analyzed: 26-May-07										
1,2,3-Trichloropropane	25.8		µg/kg	1.0				70-130		
1,2,4-Trimethylbenzene	21.9		µg/kg		20.0		110	70-130		
1,3,5-Trimethylbenzene	22.3		µg/kg	1.0				70-130		
Vinyl chloride	21.3		µg/kg	1.0				70-130		
m,p-Xylene	46.8		µg/kg		40.0		117	70-130		
o-Xylene	23.4		µg/kg		20.0		117	70-130		
Tetrahydrofuran	19.6		µg/kg	10.0				70-130		
Ethyl ether	20.5		µg/kg	1.0				65.3-130		
Tert-amyl methyl ether	20.2		µg/kg	1.0				70-130		
Ethyl tert-butyl ether	21.3		µg/kg	1.0				70-130		
Di-isopropyl ether	19.3		µg/kg	1.0				70-130		
Tert-Butanol / butyl alcohol	260		µg/kg	10.0				70-130		
1,4-Dioxane	221		µg/kg	20.0				34-155		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.0*		µg/kg		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg		*30.0*		*99*	*70-130*		
Batch 7052060 - SW846 5035A Soil (low level)										
Blank (7052060-BLK1)										
Prepared & Analyzed: 28-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg	5.0						
Acetone	BRL		µg/kg	50.0						
Acrylonitrile	BRL		µg/kg	5.0						
Benzene	BRL		µg/kg	5.0						
Bromobenzene	BRL		µg/kg	5.0						
Bromochloromethane	BRL		µg/kg	5.0						
Bromodichloromethane	BRL		µg/kg	5.0						
Bromoform	BRL		µg/kg	5.0						
Bromomethane	BRL		µg/kg	10.0						
2-Butanone (MEK)	BRL		µg/kg	50.0						
n-Butylbenzene	BRL		µg/kg	5.0						
sec-Butylbenzene	BRL		µg/kg	5.0						
tert-Butylbenzene	BRL		µg/kg	5.0						
Carbon disulfide	BRL		µg/kg	25.0						
Carbon tetrachloride	BRL		µg/kg	5.0						
Chlorobenzene	BRL		µg/kg	5.0						
Chloroethane	BRL		µg/kg	10.0						
Chloroform	BRL		µg/kg	5.0						
Chloromethane	BRL		µg/kg	10.0						
2-Chlorotoluene	BRL		µg/kg	5.0						
4-Chlorotoluene	BRL		µg/kg	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg	10.0						
Dibromochloromethane	BRL		µg/kg	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg	5.0						
Dibromomethane	BRL		µg/kg	5.0						
1,2-Dichlorobenzene	BRL		µg/kg	5.0						
1,3-Dichlorobenzene	BRL		µg/kg	5.0						
1,4-Dichlorobenzene	BRL		µg/kg	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg	10.0						
1,1-Dichloroethane	BRL		µg/kg	5.0						
1,2-Dichloroethane	BRL		µg/kg	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052060 - SW846 5035A Soil (low level)										
Blank (7052060-BLK1)										
Prepared & Analyzed: 28-May-07										
1,1-Dichloroethene	BRL		µg/kg	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg	5.0						
1,2-Dichloropropane	BRL		µg/kg	5.0						
1,3-Dichloropropane	BRL		µg/kg	5.0						
2,2-Dichloropropane	BRL		µg/kg	5.0						
1,1-Dichloropropene	BRL		µg/kg	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg	5.0						
Ethylbenzene	BRL		µg/kg	5.0						
Hexachlorobutadiene	BRL		µg/kg	5.0						
2-Hexanone (MBK)	BRL		µg/kg	50.0						
Isopropylbenzene	BRL		µg/kg	5.0						
4-Isopropyltoluene	BRL		µg/kg	5.0						
Methyl tert-butyl ether	BRL		µg/kg	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg	50.0						
Methylene chloride	BRL		µg/kg	50.0						
Naphthalene	BRL		µg/kg	5.0						
n-Propylbenzene	BRL		µg/kg	5.0						
Styrene	BRL		µg/kg	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg	5.0						
Tetrachloroethene	BRL		µg/kg	5.0						
Toluene	BRL		µg/kg	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg	5.0						
1,1,1-Trichloroethane	BRL		µg/kg	5.0						
1,1,2-Trichloroethane	BRL		µg/kg	5.0						
Trichloroethene	BRL		µg/kg	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg	5.0						
1,2,3-Trichloropropane	BRL		µg/kg	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg	5.0						
Vinyl chloride	BRL		µg/kg	5.0						
m,p-Xylene	BRL		µg/kg	10.0						
o-Xylene	BRL		µg/kg	5.0						
Tetrahydrofuran	BRL		µg/kg	50.0						
Ethyl ether	BRL		µg/kg	5.0						
Tert-amyl methyl ether	BRL		µg/kg	5.0						
Ethyl tert-butyl ether	BRL		µg/kg	5.0						
Di-isopropyl ether	BRL		µg/kg	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg	50.0						
1,4-Dioxane	BRL		µg/kg	100						
Surrogate: 4-Bromofluorobenzene	*43.7*		µg/kg		*50.0*		*87*	*70-130*		
Surrogate: Toluene-d8	*47.7*		µg/kg		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.7*		µg/kg		*50.0*		*121*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg		*50.0*		*98*	*70-130*		
LCS (7052060-BS1)										
Prepared & Analyzed: 28-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.8		µg/kg		20.0		129	70-130		
Acetone	10.4		µg/kg		20.0		52	1.77-175		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052060 - SW846 5035A Soil (low level)										
LCS (7052060-BS1)										
Prepared & Analyzed: 28-May-07										
Acrylonitrile	23.1		µg/kg		20.0		116	70-130		
Benzene	18.1		µg/kg		20.0		90	70-130		
Bromobenzene	21.9		µg/kg		20.0		110	70-130		
Bromochloromethane	23.5		µg/kg		20.0		118	70-130		
Bromodichloromethane	24.5		µg/kg		20.0		122	70-130		
Bromoform	21.5		µg/kg		20.0		108	70-130		
Bromomethane	19.1		µg/kg		20.0		96	55.3-136		
2-Butanone (MEK)	12.6		µg/kg		20.0		63	38.8-142		
n-Butylbenzene	23.4		µg/kg		20.0		117	70-130		
sec-Butylbenzene	20.5		µg/kg		20.0		102	70-130		
tert-Butylbenzene	20.5		µg/kg		20.0		102	70-130		
Carbon disulfide	22.5		µg/kg		20.0		112	70-130		
Carbon tetrachloride	24.1		µg/kg		20.0		120	70-130		
Chlorobenzene	22.6		µg/kg		20.0		113	70-130		
Chloroethane	24.0		µg/kg		20.0		120	55.3-130		
Chloroform	21.5		µg/kg		20.0		108	70-130		
Chloromethane	29.6	QC2	µg/kg		20.0		148	70-130		
2-Chlorotoluene	16.9		µg/kg		20.0		84	70-130		
4-Chlorotoluene	20.8		µg/kg		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	23.5		µg/kg		20.0		118	70-130		
Dibromochloromethane	26.2		µg/kg		20.0		131	64.7-139		
1,2-Dibromoethane (EDB)	23.5		µg/kg		20.0		118	70-130		
Dibromomethane	23.7		µg/kg		20.0		118	70-130		
1,2-Dichlorobenzene	22.8		µg/kg		20.0		114	70-130		
1,3-Dichlorobenzene	22.0		µg/kg		20.0		110	70-130		
1,4-Dichlorobenzene	21.8		µg/kg		20.0		109	70-130		
Dichlorodifluoromethane (Freon12)	33.0		µg/kg		20.0		165	34.4-167		
1,1-Dichloroethane	19.4		µg/kg		20.0		97	70-130		
1,2-Dichloroethane	21.6		µg/kg		20.0		108	70-130		
1,1-Dichloroethene	20.3		µg/kg		20.0		102	70-130		
cis-1,2-Dichloroethene	20.7		µg/kg		20.0		104	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg		20.0		106	70-130		
1,2-Dichloropropane	18.8		µg/kg		20.0		94	70-130		
1,3-Dichloropropane	19.9		µg/kg		20.0		100	70-130		
2,2-Dichloropropane	22.3		µg/kg		20.0		112	70-130		
1,1-Dichloropropene	20.0		µg/kg		20.0		100	70-130		
cis-1,3-Dichloropropene	21.4		µg/kg		20.0		107	70-130		
trans-1,3-Dichloropropene	21.0		µg/kg		20.0		105	70-130		
Ethylbenzene	21.5		µg/kg		20.0		108	70-130		
Hexachlorobutadiene	21.5		µg/kg		20.0		108	60.7-140		
2-Hexanone (MBK)	22.1		µg/kg		20.0		110	70-130		
Isopropylbenzene	19.4		µg/kg		20.0		97	70-130		
4-Isopropyltoluene	21.9		µg/kg		20.0		110	70-130		
Methyl tert-butyl ether	21.7		µg/kg		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	22.9		µg/kg		20.0		114	46.1-145		
Methylene chloride	24.4		µg/kg		20.0		122	70-130		
Naphthalene	28.8	QC2	µg/kg		20.0		144	70-130		
n-Propylbenzene	17.0		µg/kg		20.0		85	70-130		
Styrene	20.2		µg/kg		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	26.4	QC1	µg/kg		20.0		132	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg		20.0		104	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052060 - SW846 5035A Soil (low level)										
LCS (7052060-BS1)										
Prepared & Analyzed: 28-May-07										
Tetrachloroethene	24.3		µg/kg		20.0		122	70-130		
Toluene	17.0		µg/kg		20.0		85	70-130		
1,2,3-Trichlorobenzene	27.2	QC2	µg/kg		20.0		136	70-130		
1,2,4-Trichlorobenzene	27.6	QC2	µg/kg		20.0		138	70-130		
1,1,1-Trichloroethane	24.2		µg/kg		20.0		121	70-130		
1,1,2-Trichloroethane	21.4		µg/kg		20.0		107	70-130		
Trichloroethene	20.6		µg/kg		20.0		103	70-130		
Trichlorofluoromethane (Freon 11)	24.9		µg/kg		20.0		124	56.8-140		
1,2,3-Trichloropropane	23.8		µg/kg		20.0		119	70-130		
1,2,4-Trimethylbenzene	21.3		µg/kg		20.0		106	70-130		
1,3,5-Trimethylbenzene	19.6		µg/kg		20.0		98	70-130		
Vinyl chloride	26.6	QC1	µg/kg		20.0		133	70-130		
m,p-Xylene	42.5		µg/kg		40.0		106	70-130		
o-Xylene	21.9		µg/kg		20.0		110	70-130		
Tetrahydrofuran	15.2		µg/kg		20.0		76	70-130		
Ethyl ether	21.5		µg/kg		20.0		108	65.3-130		
Tert-amyl methyl ether	25.0		µg/kg		20.0		125	70-130		
Ethyl tert-butyl ether	22.2		µg/kg		20.0		111	70-130		
Di-isopropyl ether	20.0		µg/kg		20.0		100	70-130		
Tert-Butanol / butyl alcohol	208		µg/kg		200		104	70-130		
1,4-Dioxane	248		µg/kg		200		124	34-155		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/kg		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*53.8*		µg/kg		*50.0*		*108*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/kg		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*47.9*		µg/kg		*50.0*		*96*	*70-130*		
LCS Dup (7052060-BSD1)										
Prepared & Analyzed: 28-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.1		µg/kg		20.0		116	70-130	11	25
Acetone	10.7		µg/kg		20.0		54	1.77-175	4	50
Acrylonitrile	23.8		µg/kg		20.0		119	70-130	3	25
Benzene	18.0		µg/kg		20.0		90	70-130	0	25
Bromobenzene	22.4		µg/kg		20.0		112	70-130	2	25
Bromochloromethane	23.6		µg/kg		20.0		118	70-130	0	25
Bromodichloromethane	22.6		µg/kg		20.0		113	70-130	8	25
Bromoform	22.9		µg/kg		20.0		114	70-130	5	25
Bromomethane	17.4		µg/kg		20.0		87	55.3-136	10	50
2-Butanone (MEK)	12.0		µg/kg		20.0		60	38.8-142	5	50
n-Butylbenzene	22.1		µg/kg		20.0		110	70-130	6	25
sec-Butylbenzene	19.3		µg/kg		20.0		96	70-130	6	25
tert-Butylbenzene	19.5		µg/kg		20.0		98	70-130	4	25
Carbon disulfide	21.2		µg/kg		20.0		106	70-130	6	25
Carbon tetrachloride	22.9		µg/kg		20.0		114	70-130	5	25
Chlorobenzene	22.0		µg/kg		20.0		110	70-130	3	25
Chloroethane	22.1		µg/kg		20.0		110	55.3-130	9	50
Chloroform	22.2		µg/kg		20.0		111	70-130	3	25
Chloromethane	26.5	QC2	µg/kg		20.0		132	70-130	11	25
2-Chlorotoluene	16.9		µg/kg		20.0		84	70-130	0	25
4-Chlorotoluene	20.6		µg/kg		20.0		103	70-130	1	25
1,2-Dibromo-3-chloropropane	26.8	QC1	µg/kg		20.0		134	70-130	13	25
Dibromochloromethane	26.1		µg/kg		20.0		130	64.7-139	0.8	50
1,2-Dibromoethane (EDB)	23.6		µg/kg		20.0		118	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052060 - SW846 5035A Soil (low level)										
LCS Dup (7052060-BSD1)										
Prepared & Analyzed: 28-May-07										
Dibromomethane	24.2		µg/kg		20.0		121	70-130	3	25
1,2-Dichlorobenzene	22.6		µg/kg		20.0		113	70-130	0.9	25
1,3-Dichlorobenzene	21.6		µg/kg		20.0		108	70-130	2	25
1,4-Dichlorobenzene	21.6		µg/kg		20.0		108	70-130	0.9	25
Dichlorodifluoromethane (Freon12)	30.0		µg/kg		20.0		150	34.4-167	10	50
1,1-Dichloroethane	18.7		µg/kg		20.0		94	70-130	3	25
1,2-Dichloroethane	21.2		µg/kg		20.0		106	70-130	2	25
1,1-Dichloroethene	18.0		µg/kg		20.0		90	70-130	12	25
cis-1,2-Dichloroethene	21.8		µg/kg		20.0		109	70-130	5	25
trans-1,2-Dichloroethene	21.1		µg/kg		20.0		106	70-130	0	25
1,2-Dichloropropane	19.0		µg/kg		20.0		95	70-130	1	25
1,3-Dichloropropane	19.9		µg/kg		20.0		100	70-130	0	25
2,2-Dichloropropane	20.6		µg/kg		20.0		103	70-130	8	25
1,1-Dichloropropene	18.6		µg/kg		20.0		93	70-130	7	25
cis-1,3-Dichloropropene	21.5		µg/kg		20.0		108	70-130	0.9	25
trans-1,3-Dichloropropene	20.3		µg/kg		20.0		102	70-130	3	25
Ethylbenzene	21.2		µg/kg		20.0		106	70-130	2	25
Hexachlorobutadiene	19.8		µg/kg		20.0		99	60.7-140	9	50
2-Hexanone (MBK)	20.0		µg/kg		20.0		100	70-130	10	25
Isopropylbenzene	19.0		µg/kg		20.0		95	70-130	2	25
4-Isopropyltoluene	21.0		µg/kg		20.0		105	70-130	5	25
Methyl tert-butyl ether	21.7		µg/kg		20.0		108	70-130	0	25
4-Methyl-2-pentanone (MIBK)	22.6		µg/kg		20.0		113	46.1-145	0.9	50
Methylene chloride	24.0		µg/kg		20.0		120	70-130	2	25
Naphthalene	30.2	QC2	µg/kg		20.0		151	70-130	5	25
n-Propylbenzene	16.3		µg/kg		20.0		82	70-130	4	25
Styrene	20.1		µg/kg		20.0		100	70-130	1	25
1,1,1,2-Tetrachloroethane	24.7		µg/kg		20.0		124	70-130	6	25
1,1,2,2-Tetrachloroethane	22.9		µg/kg		20.0		114	70-130	9	25
Tetrachloroethene	21.9		µg/kg		20.0		110	70-130	10	25
Toluene	20.0		µg/kg		20.0		100	70-130	16	25
1,2,3-Trichlorobenzene	28.0	QC2	µg/kg		20.0		140	70-130	3	25
1,2,4-Trichlorobenzene	27.2	QC2	µg/kg		20.0		136	70-130	1	25
1,1,1-Trichloroethane	22.3		µg/kg		20.0		112	70-130	8	25
1,1,2-Trichloroethane	23.4		µg/kg		20.0		117	70-130	9	25
Trichloroethene	18.8		µg/kg		20.0		94	70-130	9	25
Trichlorofluoromethane (Freon 11)	18.5		µg/kg		20.0		92	56.8-140	30	50
1,2,3-Trichloropropane	23.9		µg/kg		20.0		120	70-130	0.8	25
1,2,4-Trimethylbenzene	20.1		µg/kg		20.0		100	70-130	6	25
1,3,5-Trimethylbenzene	19.1		µg/kg		20.0		96	70-130	2	25
Vinyl chloride	23.8		µg/kg		20.0		119	70-130	11	25
m,p-Xylene	41.4		µg/kg		40.0		104	70-130	2	25
o-Xylene	21.5		µg/kg		20.0		108	70-130	2	25
Tetrahydrofuran	22.9	QR2	µg/kg		20.0		114	70-130	40	25
Ethyl ether	21.2		µg/kg		20.0		106	65.3-130	2	50
Tert-amyl methyl ether	22.3		µg/kg		20.0		112	70-130	11	25
Ethyl tert-butyl ether	21.6		µg/kg		20.0		108	70-130	3	25
Di-isopropyl ether	19.4		µg/kg		20.0		97	70-130	3	25
Tert-Butanol / butyl alcohol	232		µg/kg		200		116	70-130	11	25
1,4-Dioxane	225		µg/kg		200		112	34-155	10	25
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/kg		*50.0*		*99*	*70-130*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052060 - SW846 5035A Soil (low level)										
LCS Dup (7052060-BSD1)										
Prepared & Analyzed: 28-May-07										
Surrogate: Toluene-d8	*50.5*		µg/kg		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/kg		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*46.4*		µg/kg		*50.0*		*93*	*70-130*		
Batch 7052105 - SW846 5030 Soil (high level)										
Blank (7052105-BLK1)										
Prepared & Analyzed: 29-May-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052105 - SW846 5030 Soil (high level)										
Blank (7052105-BLK1)										
Prepared & Analyzed: 29-May-07										
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS (7052105-BS1)										
Prepared & Analyzed: 29-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.7		µg/kg wet	1.0				70-130		
Acetone	21.1		µg/kg wet	10.0				1.77-175		
Acrylonitrile	20.4		µg/kg wet	1.0				70-130		
Benzene	19.4		µg/kg wet		20.0		97	70-130		
Bromobenzene	21.8		µg/kg wet	1.0				70-130		
Bromochloromethane	19.7		µg/kg wet	1.0				70-130		
Bromodichloromethane	20.4		µg/kg wet	1.0				70-130		
Bromoform	23.9		µg/kg wet	1.0				70-130		
Bromomethane	19.1		µg/kg wet	2.0				55.3-136		
2-Butanone (MEK)	17.2		µg/kg wet	10.0				38.8-142		
n-Butylbenzene	18.7		µg/kg wet	1.0				70-130		
sec-Butylbenzene	21.2		µg/kg wet	1.0				70-130		
tert-Butylbenzene	21.6		µg/kg wet	1.0				70-130		
Carbon disulfide	19.8		µg/kg wet	5.0				70-130		
Carbon tetrachloride	21.3		µg/kg wet	1.0				70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052105 - SW846 5030 Soil (high level)										
LCS (7052105-BS1)										
Prepared & Analyzed: 29-May-07										
Chlorobenzene	21.4		µg/kg wet	1.0				70-130		
Chloroethane	19.7		µg/kg wet	2.0				55.3-130		
Chloroform	19.4		µg/kg wet	1.0				70-130		
Chloromethane	20.3		µg/kg wet	2.0				70-130		
2-Chlorotoluene	20.5		µg/kg wet	1.0				70-130		
4-Chlorotoluene	21.2		µg/kg wet	1.0				70-130		
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet	2.0				70-130		
Dibromochloromethane	21.3		µg/kg wet	1.0				64.7-139		
1,2-Dibromoethane (EDB)	20.6		µg/kg wet	1.0				70-130		
Dibromomethane	20.5		µg/kg wet	1.0				70-130		
1,2-Dichlorobenzene	20.9		µg/kg wet	1.0				70-130		
1,3-Dichlorobenzene	22.3		µg/kg wet	1.0				70-130		
1,4-Dichlorobenzene	20.2		µg/kg wet	1.0				70-130		
Dichlorodifluoromethane (Freon12)	25.2		µg/kg wet	2.0				34.4-167		
1,1-Dichloroethane	19.6		µg/kg wet	1.0				70-130		
1,2-Dichloroethane	19.1		µg/kg wet	1.0				70-130		
1,1-Dichloroethene	20.8		µg/kg wet	1.0				70-130		
cis-1,2-Dichloroethene	20.6		µg/kg wet	1.0				70-130		
trans-1,2-Dichloroethene	19.3		µg/kg wet	1.0				70-130		
1,2-Dichloropropane	19.2		µg/kg wet	1.0				70-130		
1,3-Dichloropropane	20.3		µg/kg wet	1.0				70-130		
2,2-Dichloropropane	21.2		µg/kg wet	1.0				70-130		
1,1-Dichloropropene	19.8		µg/kg wet	1.0				70-130		
cis-1,3-Dichloropropene	19.7		µg/kg wet	1.0				70-130		
trans-1,3-Dichloropropene	19.8		µg/kg wet	1.0				70-130		
Ethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	18.9		µg/kg wet	1.0				60.7-140		
2-Hexanone (MBK)	17.7		µg/kg wet	10.0				70-130		
Isopropylbenzene	20.6		µg/kg wet	1.0				70-130		
4-Isopropyltoluene	19.6		µg/kg wet	1.0				70-130		
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	18.5		µg/kg wet	10.0				46.1-145		
Methylene chloride	20.0		µg/kg wet	10.0				70-130		
Naphthalene	19.3		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	20.7		µg/kg wet	1.0				70-130		
Styrene	21.8		µg/kg wet	1.0				70-130		
1,1,1,2-Tetrachloroethane	21.7		µg/kg wet	1.0				70-130		
1,1,2,2-Tetrachloroethane	20.6		µg/kg wet	1.0				70-130		
Tetrachloroethene	20.7		µg/kg wet	1.0				70-130		
Toluene	19.3		µg/kg wet		20.0		96	70-130		
1,2,3-Trichlorobenzene	18.3		µg/kg wet	1.0				70-130		
1,2,4-Trichlorobenzene	18.8		µg/kg wet	1.0				70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet	1.0				70-130		
1,1,2-Trichloroethane	20.4		µg/kg wet	1.0				70-130		
Trichloroethene	20.1		µg/kg wet	1.0				70-130		
Trichlorofluoromethane (Freon 11)	21.5		µg/kg wet	1.0				56.8-140		
1,2,3-Trichloropropane	23.3		µg/kg wet	1.0				70-130		
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	21.5		µg/kg wet	1.0				70-130		
Vinyl chloride	19.6		µg/kg wet	1.0				70-130		
m,p-Xylene	43.1		µg/kg wet		40.0		108	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052105 - SW846 5030 Soil (high level)										
LCS (7052105-BS1)										
Prepared & Analyzed: 29-May-07										
o-Xylene	21.8		µg/kg wet		20.0		109	70-130		
Tetrahydrofuran	17.6		µg/kg wet	10.0				70-130		
Ethyl ether	20.7		µg/kg wet	1.0				65.3-130		
Tert-amyl methyl ether	18.7		µg/kg wet	1.0				70-130		
Ethyl tert-butyl ether	20.4		µg/kg wet	1.0				70-130		
Di-isopropyl ether	18.0		µg/kg wet	1.0				70-130		
Tert-Butanol / butyl alcohol	184		µg/kg wet	10.0				70-130		
1,4-Dioxane	199		µg/kg wet	20.0				34-155		
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.1*		µg/kg wet		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Matrix Spike (7052105-MS1) **Source: SA62371-01**										
Prepared & Analyzed: 29-May-07										
Benzene	19.9		µg/kg dry		20.0	BRL	100	70-130		
Chlorobenzene	23.0		µg/kg dry		20.0	BRL	115	70-130		
1,1-Dichloroethene	20.5		µg/kg dry		20.0	BRL	102	70-130		
Toluene	20.0		µg/kg dry		20.0	BRL	100	70-130		
Trichloroethene	20.3		µg/kg dry		20.0	BRL	102	70-130		
Surrogate: 4-Bromofluorobenzene	*31.5*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/kg dry		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Matrix Spike Dup (7052105-MSD1) **Source: SA62371-01**										
Prepared & Analyzed: 29-May-07										
Benzene	20.5		µg/kg dry		20.0	BRL	102	70-130	2	30
Chlorobenzene	23.3		µg/kg dry		20.0	BRL	116	70-130	0.9	30
1,1-Dichloroethene	21.2		µg/kg dry		20.0	BRL	106	70-130	4	30
Toluene	20.8		µg/kg dry		20.0	BRL	104	70-130	4	30
Trichloroethene	20.6		µg/kg dry		20.0	BRL	103	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051545 - SW846 3550B										
Blank (7051545-BLK1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.19*		mg/kg wet		*3.33*		*66*	*40-140*		
Batch 7051599 - SW846 3550B										
Blank (7051599-BLK1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
Gasoline	BRL		mg/kg	13.3						
Fuel Oil #2	BRL		mg/kg	13.3						
Fuel Oil #4	BRL		mg/kg	13.3						
Fuel Oil #6	BRL		mg/kg	13.3						
Motor Oil	BRL		mg/kg	13.3						
Aviation Fuel	BRL		mg/kg	13.3						
Unidentified	BRL		mg/kg	13.3						
Other Oil	BRL		mg/kg	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg	13.3						
Surrogate: 1-Chlorooctadecane	*2.66*		mg/kg		*3.33*		*80*	*40-140*		
LCS (7051599-BS1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
C9-C36 Aliphatic Hydrocarbons	79.0		mg/kg	13.3	93.3		85	60-120		
Surrogate: 1-Chlorooctadecane	*3.83*		mg/kg		*3.33*		*115*	*60-120*		
Duplicate (7051599-DUP1) **Source: SA62318-01**										
Prepared: 22-May-07 Analyzed: 24-May-07										
Gasoline	BRL		mg/kg	32.7		BRL				50
Fuel Oil #2	BRL		mg/kg	32.7		BRL				50
Fuel Oil #4	BRL		mg/kg	32.7		BRL				50
Fuel Oil #6	BRL		mg/kg	32.7		BRL				50
Motor Oil	Calculated as		mg/kg	32.7		BRL				50
Aviation Fuel	BRL		mg/kg	32.7		BRL				50
Unidentified	71.4		mg/kg	32.7		46.6			42	50
Other Oil	BRL		mg/kg	32.7		BRL				50
Total Petroleum Hydrocarbons	71.4		mg/kg	32.7		46.6			42	50
C9-C36 Aliphatic Hydrocarbons	71.4		mg/kg	32.7		46.6			42	50
Surrogate: 1-Chlorooctadecane	*4.23*		mg/kg		*4.10*		*103*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051532 - SW846 3550B										
Blank (7051532-BLK1)										
Prepared: 21-May-07 Analyzed: 24-May-07										
PCB 1016	BRL		µg/kg	28.6						
PCB 1221	BRL		µg/kg	28.6						
PCB 1232	BRL		µg/kg	28.6						
PCB 1242	BRL		µg/kg	28.6						
PCB 1248	BRL		µg/kg	28.6						
PCB 1254	BRL		µg/kg	28.6						
PCB 1260	BRL		µg/kg	28.6						
PCB 1262	BRL		µg/kg	28.6						
PCB 1268	BRL		µg/kg	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg		*28.6*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg		*28.6*		*90*	*30-150*		
LCS (7051532-BS1)										
Prepared: 21-May-07 Analyzed: 24-May-07										
PCB 1016	431		µg/kg	28.6	357		121	40-140		
PCB 1260	376		µg/kg	28.6	357		105	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg		*28.6*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.7*		µg/kg		*28.6*		*55*	*30-150*		
LCS Dup (7051532-BSD1)										
Prepared: 21-May-07 Analyzed: 24-May-07										
PCB 1016	443		µg/kg	28.6	357		124	40-140	2	30
PCB 1260	380		µg/kg	28.6	357		106	40-140	0.9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg		*28.6*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*17.1*		µg/kg		*28.6*		*60*	*30-150*		
Duplicate (7051532-DUP1) **Source: SA62318-01**										
Prepared: 21-May-07 Analyzed: 24-May-07										
PCB 1016	BRL		µg/kg	63.7		BRL				40
PCB 1221	BRL		µg/kg	63.7		BRL				40
PCB 1232	BRL		µg/kg	63.7		BRL				40
PCB 1242	BRL		µg/kg	63.7		BRL				40
PCB 1248	BRL		µg/kg	63.7		BRL				40
PCB 1254	BRL		µg/kg	63.7		BRL				40
PCB 1260	BRL		µg/kg	63.7		BRL				40
PCB 1262	BRL		µg/kg	63.7		BRL				40
PCB 1268	BRL		µg/kg	63.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*50.9*		µg/kg		*63.6*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.3*		µg/kg		*63.6*		*65*	*30-150*		
Batch 7051533 - SW846 3550B										
Blank (7051533-BLK1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	BRL		µg/kg	33.4						
a-BHC	BRL		µg/kg	33.4						
b-BHC	BRL		µg/kg	33.4						
d-BHC	BRL		µg/kg	33.4						
g-BHC (Lindane)	BRL		µg/kg	33.4						
Chlordane	BRL		µg/kg	167						
4,4'-DDD (p,p')	BRL		µg/kg	33.4						
4,4'-DDE (p,p')	BRL		µg/kg	33.4						
4,4'-DDT (p,p')	BRL		µg/kg	33.4						
Dieldrin	BRL		µg/kg	33.4						
Endosulfan I	BRL		µg/kg	33.4						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051533 - SW846 3550B										
Blank (7051533-BLK1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Endosulfan II	BRL		µg/kg	33.4						
Endosulfan Sulfate	BRL		µg/kg	33.4						
Endrin	BRL		µg/kg	33.4						
Endrin Aldehyde	BRL		µg/kg	33.4						
Heptachlor	BRL		µg/kg	33.4						
Methoxychlor	BRL		µg/kg	33.4						
Heptachlor Epoxide	BRL		µg/kg	33.4						
Toxaphene	BRL		µg/kg	167						
a-Chlordane	BRL		µg/kg	33.4						
g-Chlordane	BRL		µg/kg	33.4						
Endrin Ketone	BRL		µg/kg	33.4						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.2*		µg/kg		*66.7*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*58.1*		µg/kg		*66.7*		*87*	*30-150*		
LCS (7051533-BS1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	62.4		µg/kg	33.4	66.7		94	40-140		
a-BHC	64.1		µg/kg	33.4	66.7		96	40-140		
b-BHC	58.4		µg/kg	33.4	66.7		88	40-140		
d-BHC	55.7		µg/kg	33.4	66.7		84	40-140		
g-BHC (Lindane)	63.2		µg/kg	33.4	66.7		95	40-140		
4,4'-DDD (p,p')	64.2		µg/kg	33.4	66.7		96	40-140		
4,4'-DDE (p,p')	60.7		µg/kg	33.4	66.7		91	40-140		
4,4'-DDT (p,p')	65.7		µg/kg	33.4	66.7		99	40-140		
Dieldrin	64.1		µg/kg	33.4	66.7		96	40-140		
Endosulfan I	68.1		µg/kg	33.4	66.7		102	40-140		
Endosulfan II	70.4		µg/kg	33.4	66.7		106	40-140		
Endosulfan Sulfate	60.9		µg/kg	33.4	66.7		91	40-140		
Endrin	76.6		µg/kg	33.4	66.7		115	40-140		
Endrin Aldehyde	63.8		µg/kg	33.4	66.7		96	40-140		
Heptachlor	68.1		µg/kg	33.4	66.7		102	40-140		
Methoxychlor	72.0		µg/kg	33.4	66.7		108	40-140		
Heptachlor Epoxide	66.6		µg/kg	33.4	66.7		100	40-140		
a-Chlordane	71.4		µg/kg	33.4	66.7		107	40-140		
g-Chlordane	64.0		µg/kg	33.4	66.7		96	40-140		
Endrin Ketone	67.2		µg/kg	33.4	66.7		101	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*40.6*		µg/kg		*66.7*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*53.9*		µg/kg		*66.7*		*81*	*30-150*		
LCS Dup (7051533-BSD1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	56.4		µg/kg	33.4	66.7		85	40-140	10	30
a-BHC	56.8		µg/kg	33.4	66.7		85	40-140	12	30
b-BHC	51.9		µg/kg	33.4	66.7		78	40-140	12	30
d-BHC	44.5		µg/kg	33.4	66.7		67	40-140	23	30
g-BHC (Lindane)	56.6		µg/kg	33.4	66.7		85	40-140	11	30
4,4'-DDD (p,p')	57.8		µg/kg	33.4	66.7		87	40-140	10	30
4,4'-DDE (p,p')	53.3		µg/kg	33.4	66.7		80	40-140	13	30
4,4'-DDT (p,p')	59.3		µg/kg	33.4	66.7		89	40-140	11	30
Dieldrin	55.8		µg/kg	33.4	66.7		84	40-140	13	30
Endosulfan I	61.4		µg/kg	33.4	66.7		92	40-140	10	30
Endosulfan II	63.6		µg/kg	33.4	66.7		95	40-140	11	30
Endosulfan Sulfate	58.3		µg/kg	33.4	66.7		87	40-140	4	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051533 - SW846 3550B										
LCS Dup (7051533-BSD1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Endrin	67.2		µg/kg	33.4	66.7		101	40-140	13	30
Endrin Aldehyde	58.3		µg/kg	33.4	66.7		87	40-140	10	30
Heptachlor	61.1		µg/kg	33.4	66.7		92	40-140	10	30
Methoxychlor	63.3		µg/kg	33.4	66.7		95	40-140	13	30
Heptachlor Epoxide	62.3		µg/kg	33.4	66.7		93	40-140	7	30
a-Chlordane	74.6		µg/kg	33.4	66.7		112	40-140	5	30
g-Chlordane	58.0		µg/kg	33.4	66.7		87	40-140	10	30
Endrin Ketone	62.7		µg/kg	33.4	66.7		94	40-140	7	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*37.2*		µg/kg		*66.7*		*56*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*55.4*		µg/kg		*66.7*		*83*	*30-150*		
Duplicate (7051533-DUP1) **Source: SA62318-01**										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	BRL		µg/kg	31.8		BRL				30
a-BHC	BRL		µg/kg	31.8		BRL				30
b-BHC	BRL		µg/kg	31.8		BRL				30
d-BHC	BRL		µg/kg	31.8		BRL				30
g-BHC (Lindane)	BRL		µg/kg	31.8		BRL				30
Chlordane	BRL		µg/kg	159		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg	31.8		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg	31.8		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg	31.8		BRL				30
Dieldrin	BRL		µg/kg	31.8		BRL				30
Endosulfan I	BRL		µg/kg	31.8		BRL				30
Endosulfan II	BRL		µg/kg	31.8		BRL				30
Endosulfan Sulfate	BRL		µg/kg	31.8		BRL				30
Endrin	BRL		µg/kg	31.8		BRL				30
Endrin Aldehyde	BRL		µg/kg	31.8		BRL				30
Heptachlor	BRL		µg/kg	31.8		BRL				30
Methoxychlor	BRL		µg/kg	31.8		BRL				30
Heptachlor Epoxide	BRL		µg/kg	31.8		BRL				30
Toxaphene	BRL		µg/kg	159		BRL				30
a-Chlordane	BRL		µg/kg	31.8		BRL				30
g-Chlordane	BRL		µg/kg	31.8		BRL				30
Endrin Ketone	BRL		µg/kg	31.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*39.3*		µg/kg		*63.6*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*51.8*		µg/kg		*63.6*		*81*	*30-150*		
Batch 7051534 - SW846 3545A										
Blank (7051534-BLK1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	BRL		µg/kg wet	5.00						
a-BHC	BRL		µg/kg wet	5.00						
b-BHC	BRL		µg/kg wet	5.00						
d-BHC	BRL		µg/kg wet	5.00						
g-BHC (Lindane)	BRL		µg/kg wet	5.00						
Chlordane	BRL		µg/kg wet	25.0						
4,4'-DDD (p,p')	BRL		µg/kg wet	5.00						
4,4'-DDE (p,p')	BRL		µg/kg wet	5.00						
4,4'-DDT (p,p')	BRL		µg/kg wet	5.00						
Dieldrin	BRL		µg/kg wet	5.00						
Endosulfan I	BRL		µg/kg wet	5.00						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051534 - SW846 3545A										
Blank (7051534-BLK1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Endosulfan II	BRL		µg/kg wet	5.00						
Endosulfan Sulfate	BRL		µg/kg wet	5.00						
Endrin	BRL		µg/kg wet	5.00						
Endrin Aldehyde	BRL		µg/kg wet	5.00						
Heptachlor	BRL		µg/kg wet	5.00						
Methoxychlor	BRL		µg/kg wet	5.00						
Heptachlor Epoxide	BRL		µg/kg wet	5.00						
Toxaphene	BRL		µg/kg wet	25.0						
a-Chlordane	BRL		µg/kg wet	5.00						
g-Chlordane	BRL		µg/kg wet	5.00						
Endrin Ketone	BRL		µg/kg wet	5.00						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.42*		µg/kg wet		*10.0*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*5.79*		µg/kg wet		*10.0*		*58*	*30-150*		
LCS (7051534-BS1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	7.48		µg/kg wet	5.00	10.0		75	40-140		
a-BHC	7.70		µg/kg wet	5.00	10.0		77	40-140		
b-BHC	7.33		µg/kg wet	5.00	10.0		73	40-140		
d-BHC	6.18		µg/kg wet	5.00	10.0		62	40-140		
g-BHC (Lindane)	7.66		µg/kg wet	5.00	10.0		77	40-140		
4,4'-DDD (p,p')	10.2		µg/kg wet	5.00	10.0		102	40-140		
4,4'-DDE (p,p')	8.86		µg/kg wet	5.00	10.0		89	40-140		
4,4'-DDT (p,p')	8.90		µg/kg wet	5.00	10.0		89	40-140		
Dieldrin	7.29		µg/kg wet	5.00	10.0		73	40-140		
Endosulfan I	8.76		µg/kg wet	5.00	10.0		88	40-140		
Endosulfan II	7.99		µg/kg wet	5.00	10.0		80	40-140		
Endosulfan Sulfate	8.53		µg/kg wet	5.00	10.0		85	40-140		
Endrin	8.57		µg/kg wet	5.00	10.0		86	40-140		
Endrin Aldehyde	7.57		µg/kg wet	5.00	10.0		76	40-140		
Heptachlor	8.11		µg/kg wet	5.00	10.0		81	40-140		
Methoxychlor	6.89		µg/kg wet	5.00	10.0		69	40-140		
Heptachlor Epoxide	7.88		µg/kg wet	5.00	10.0		79	40-140		
a-Chlordane	9.75		µg/kg wet	5.00	10.0		98	40-140		
g-Chlordane	8.66		µg/kg wet	5.00	10.0		87	40-140		
Endrin Ketone	8.28		µg/kg wet	5.00	10.0		83	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.20*		µg/kg wet		*10.0*		*52*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*7.47*		µg/kg wet		*10.0*		*75*	*30-150*		
LCS Dup (7051534-BSD1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	7.96		µg/kg wet	5.00	10.0		80	40-140	6	30
a-BHC	8.03		µg/kg wet	5.00	10.0		80	40-140	4	30
b-BHC	7.27		µg/kg wet	5.00	10.0		73	40-140	0	30
d-BHC	6.35		µg/kg wet	5.00	10.0		64	40-140	3	30
g-BHC (Lindane)	8.10		µg/kg wet	5.00	10.0		81	40-140	5	30
4,4'-DDD (p,p')	10.5		µg/kg wet	5.00	10.0		105	40-140	3	30
4,4'-DDE (p,p')	7.60		µg/kg wet	5.00	10.0		76	40-140	16	30
4,4'-DDT (p,p')	8.11		µg/kg wet	5.00	10.0		81	40-140	9	30
Dieldrin	7.53		µg/kg wet	5.00	10.0		75	40-140	3	30
Endosulfan I	8.40		µg/kg wet	5.00	10.0		84	40-140	5	30
Endosulfan II	10.4		µg/kg wet	5.00	10.0		104	40-140	26	30
Endosulfan Sulfate	7.84		µg/kg wet	5.00	10.0		78	40-140	9	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051534 - SW846 3545A										
LCS Dup (7051534-BSD1)										
Prepared: 21-May-07 Analyzed: 26-May-07										
Endrin	10.2		µg/kg wet	5.00	10.0		102	40-140	17	30
Endrin Aldehyde	7.58		µg/kg wet	5.00	10.0		76	40-140	0	30
Heptachlor	8.61		µg/kg wet	5.00	10.0		86	40-140	6	30
Methoxychlor	7.97		µg/kg wet	5.00	10.0		80	40-140	15	30
Heptachlor Epoxide	8.32		µg/kg wet	5.00	10.0		83	40-140	5	30
a-Chlordane	10.2		µg/kg wet	5.00	10.0		102	40-140	4	30
g-Chlordane	7.80		µg/kg wet	5.00	10.0		78	40-140	11	30
Endrin Ketone	7.99		µg/kg wet	5.00	10.0		80	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*5.38*		µg/kg wet		*10.0*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*7.56*		µg/kg wet		*10.0*		*76*	*30-150*		
Duplicate (7051534-DUP1) **Source: SA62318-10**										
Prepared: 21-May-07 Analyzed: 26-May-07										
Aldrin	BRL		µg/kg dry	6.32		BRL				30
a-BHC	BRL		µg/kg dry	6.32		BRL				30
b-BHC	BRL		µg/kg dry	6.32		BRL				30
d-BHC	BRL		µg/kg dry	6.32		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	6.32		BRL				30
Chlordane	BRL		µg/kg dry	31.6		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	6.32		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	6.32		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	6.32		BRL				30
Dieldrin	BRL		µg/kg dry	6.32		BRL				30
Endosulfan I	BRL		µg/kg dry	6.32		BRL				30
Endosulfan II	BRL		µg/kg dry	6.32		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	6.32		BRL				30
Endrin	BRL		µg/kg dry	6.32		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	6.32		BRL				30
Heptachlor	BRL		µg/kg dry	6.32		BRL				30
Methoxychlor	BRL		µg/kg dry	6.32		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	6.32		BRL				30
Toxaphene	BRL		µg/kg dry	31.6		BRL				30
a-Chlordane	BRL		µg/kg dry	6.32		BRL				30
g-Chlordane	BRL		µg/kg dry	6.32		BRL				30
Endrin Ketone	BRL		µg/kg dry	6.32		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*3.83*		µg/kg dry		*12.6*		*30*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*7.60*		µg/kg dry		*12.6*		*60*	*30-150*		
Batch 7051536 - SW846 3545A										
Blank (7051536-BLK1)										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg wet		*28.6*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*90*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051536 - SW846 3545A										
LCS (7051536-BS1)										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	386		µg/kg wet	28.6	357		108	40-140		
PCB 1260	314		µg/kg wet	28.6	357		88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*15.7*		µg/kg wet		*28.6*		*55*	*30-150*		
LCS Dup (7051536-BSD1)										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	379		µg/kg wet	28.6	357		106	40-140	2	30
PCB 1260	319		µg/kg wet	28.6	357		89	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.3*		µg/kg wet		*28.6*		*50*	*30-150*		
Duplicate (7051536-DUP1) **Source: SA62314-01**										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	BRL		µg/kg dry	38.6		BRL				40
PCB 1221	BRL		µg/kg dry	38.6		BRL				40
PCB 1232	BRL		µg/kg dry	38.6		BRL				40
PCB 1242	BRL		µg/kg dry	38.6		BRL				40
PCB 1248	BRL		µg/kg dry	38.6		BRL				40
PCB 1254	BRL		µg/kg dry	38.6		BRL				40
PCB 1260	BRL		µg/kg dry	38.6		BRL				40
PCB 1262	BRL		µg/kg dry	38.6		BRL				40
PCB 1268	BRL		µg/kg dry	38.6		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*30.8*		µg/kg dry		*38.6*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.0*		µg/kg dry		*38.6*		*70*	*30-150*		
Matrix Spike (7051536-MS1) **Source: SA62314-01**										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	527		µg/kg dry	36.4	454	BRL	116	40-140		
PCB 1260	454		µg/kg dry	36.4	454	BRL	100	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.1*		µg/kg dry		*36.4*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.3*		µg/kg dry		*36.4*		*75*	*30-150*		
Matrix Spike Dup (7051536-MSD1) **Source: SA62314-01**										
Prepared: 21-May-07 Analyzed: 23-May-07										
PCB 1016	525		µg/kg dry	37.7	470	BRL	112	40-140	4	50
PCB 1260	467		µg/kg dry	37.7	470	BRL	99	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*30.1*		µg/kg dry		*37.6*		*80*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.3*		µg/kg dry		*37.6*		*70*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
Blank (7051564-BLK1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
Blank (7051564-BLK1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*5740*		µg/kg wet		*6670*		*86*	*30-130*		
Surrogate: 2-Fluorophenol	*5030*		µg/kg wet		*6670*		*75*	*15-110*		
Surrogate: Nitrobenzene-d5	*5060*		µg/kg wet		*6670*		*76*	*30-130*		
Surrogate: Phenol-d5	*4700*		µg/kg wet		*6670*		*70*	*15-110*		
Surrogate: Terphenyl-dl4	*6510*		µg/kg wet		*6670*		*98*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5000*		µg/kg wet		*6670*		*75*	*15-110*		
LCS (7051564-BS1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
Acenaphthene	4850		µg/kg wet	330	6670		73	40-130		
Acenaphthylene	5530		µg/kg wet	330	6670		83	40-130		
Aniline	9690	QC2	µg/kg wet	330	6670		145	40-130		
Anthracene	5430		µg/kg wet	330	6670		81	40-130		
Atrazine	20200	QC2	µg/kg wet	330	6670		303	40-130		
Azobenzene/Diphenyldiazine	4050		µg/kg wet	330	6670		61	40-130		
Benzidine	11300	QC2	µg/kg wet	330	6670		169	0-130		
Benzo (a) anthracene	5200		µg/kg wet	330	6670		78	40-130		
Benzo (a) pyrene	5650		µg/kg wet	330	6670		85	40-130		
Benzo (b) fluoranthene	5250		µg/kg wet	330	6670		79	40-130		
Benzo (g,h,i) perylene	4790		µg/kg wet	330	6670		72	40-130		
Benzo (k) fluoranthene	5750		µg/kg wet	330	6670		86	40-130		
Benzoic acid	883		µg/kg wet	330	6670		13	6.16-130		
Benzyl alcohol	4380		µg/kg wet	330	6670		66	40-130		
Bis(2-chloroethoxy)methane	3700		µg/kg wet	330	6670		55	40-130		
Bis(2-chloroethyl)ether	6070		µg/kg wet	330	6670		91	40-130		
Bis(2-chloroisopropyl)ether	4400		µg/kg wet	330	6670		66	40-130		
Bis(2-ethylhexyl)phthalate	4740		µg/kg wet	330	6670		71	40-130		
4-Bromophenyl phenyl ether	5350		µg/kg wet	330	6670		80	40-130		
Butyl benzyl phthalate	4810		µg/kg wet	330	6670		72	40-130		
Carbazole	12900	QC1	µg/kg wet	330	6670		193	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
LCS (7051564-BS1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
4-Chloro-3-methylphenol	3960		µg/kg wet	330	6670		59	40-130		
4-Chloroaniline	6470		µg/kg wet	330	6670		97	40-130		
2-Chloronaphthalene	4800		µg/kg wet	330	6670		72	40-130		
2-Chlorophenol	4610		µg/kg wet	330	6670		69	40-130		
4-Chlorophenyl phenyl ether	5430		µg/kg wet	330	6670		81	40-130		
Chrysene	5770		µg/kg wet	330	6670		87	40-130		
Dibenzo (a,h) anthracene	5350		µg/kg wet	330	6670		80	40-130		
Dibenzofuran	5240		µg/kg wet	330	6670		79	40-130		
1,2-Dichlorobenzene	4570		µg/kg wet	330	6670		69	40-130		
1,3-Dichlorobenzene	4410		µg/kg wet	330	6670		66	40-130		
1,4-Dichlorobenzene	5130		µg/kg wet	330	6670		77	40-130		
3,3´-Dichlorobenzidine	7060		µg/kg wet	330	6670		106	40-130		
2,4-Dichlorophenol	3830		µg/kg wet	330	6670		57	40-130		
Diethyl phthalate	5110		µg/kg wet	330	6670		77	40-130		
Dimethyl phthalate	5270		µg/kg wet	330	6670		79	40-130		
2,4-Dimethylphenol	3090		µg/kg wet	330	6670		46	40-130		
Di-n-butyl phthalate	4790		µg/kg wet	330	6670		72	40-130		
4,6-Dinitro-2-methylphenol	4010		µg/kg wet	330	6670		60	40-130		
2,4-Dinitrophenol	3390		µg/kg wet	330	6670		51	40-130		
2,4-Dinitrotoluene	6300		µg/kg wet	330	6670		94	40-130		
2,6-Dinitrotoluene	6340		µg/kg wet	330	6670		95	40-130		
Di-n-octyl phthalate	4730		µg/kg wet	330	6670		71	40-130		
Fluoranthene	5300		µg/kg wet	330	6670		79	40-130		
Fluorene	4880		µg/kg wet	330	6670		73	40-130		
Hexachlorobenzene	5620		µg/kg wet	330	6670		84	40-130		
Hexachlorobutadiene	3930		µg/kg wet	330	6670		59	40-130		
Hexachlorocyclopentadiene	3220		µg/kg wet	330	6670		48	40-130		
Hexachloroethane	4870		µg/kg wet	330	6670		73	40-130		
Indeno (1,2,3-cd) pyrene	5210		µg/kg wet	330	6670		78	40-130		
1-Methylnaphthalene	4670		µg/kg wet	330	6670		70	40-140		
Isophorone	3810		µg/kg wet	330	6670		57	40-130		
2-Methylnaphthalene	4520		µg/kg wet	330	6670		68	40-130		
2-Methylphenol	4080		µg/kg wet	330	6670		61	40-130		
3,4-Methylphenol	4790		µg/kg wet	330	6670		72	40-130		
Naphthalene	3520		µg/kg wet	330	6670		53	40-130		
2-Nitroaniline	5890		µg/kg wet	330	6670		88	40-130		
3-Nitroaniline	4470		µg/kg wet	330	6670		67	40-130		
4-Nitroaniline	6910		µg/kg wet	1320	6670		104	40-130		
Nitrobenzene	3740		µg/kg wet	330	6670		56	40-130		
2-Nitrophenol	3530		µg/kg wet	330	6670		53	40-130		
4-Nitrophenol	3430		µg/kg wet	1320	6670		51	40-130		
N-Nitrosodimethylamine	4630		µg/kg wet	330	6670		69	40-130		
N-Nitrosodi-n-propylamine	4460		µg/kg wet	330	6670		67	40-130		
N-Nitrosodiphenylamine	6700		µg/kg wet	330	6670		100	40-130		
Pentachlorophenol	4620		µg/kg wet	330	6670		69	40-130		
Phenanthrene	4790		µg/kg wet	330	6670		72	40-130		
Phenol	4850		µg/kg wet	330	6670		73	40-130		
Pyrene	5260		µg/kg wet	330	6670		79	40-130		
Pyridine	3670		µg/kg wet	330	6670		55	40-130		
1,2,4-Trichlorobenzene	3980		µg/kg wet	330	6670		60	40-130		
2,4,5-Trichlorophenol	4600		µg/kg wet	330	6670		69	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
LCS (7051564-BS1)										
Prepared: 21-May-07 Analyzed: 22-May-07										
2,4,6-Trichlorophenol	4130		µg/kg wet	330	6670		62	40-130		
Surrogate: 2-Fluorobiphenyl	*5320*		µg/kg wet		*6670*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*4680*		µg/kg wet		*6670*		*70*	*15-110*		
Surrogate: Nitrobenzene-d5	*3560*		µg/kg wet		*6670*		*53*	*30-130*		
Surrogate: Phenol-d5	*4250*		µg/kg wet		*6670*		*64*	*15-110*		
Surrogate: Terphenyl-dl4	*6130*		µg/kg wet		*6670*		*92*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6660*		µg/kg wet		*6670*		*100*	*15-110*		
Duplicate (7051564-DUP1) **Source: SA62352-04**										
Prepared: 21-May-07 Analyzed: 22-May-07										
Acenaphthene	BRL		µg/kg dry	269		BRL				50
Acenaphthylene	BRL		µg/kg dry	269		BRL				50
Aniline	BRL		µg/kg dry	269		BRL				50
Anthracene	BRL		µg/kg dry	269		BRL				50
Atrazine	BRL		µg/kg dry	269		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	269		BRL				50
Benzidine	BRL		µg/kg dry	269		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	269		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	269		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	269		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	269		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	269		BRL				50
Benzoic acid	BRL		µg/kg dry	269		BRL				50
Benzyl alcohol	BRL		µg/kg dry	269		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	269		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	269		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	269		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	269		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	269		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	269		BRL				50
Carbazole	BRL		µg/kg dry	269		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	269		BRL				50
4-Chloroaniline	BRL		µg/kg dry	269		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	269		BRL				50
2-Chlorophenol	BRL		µg/kg dry	269		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	269		BRL				50
Chrysene	BRL		µg/kg dry	269		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	269		BRL				50
Dibenzofuran	BRL		µg/kg dry	269		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	269		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	269		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	269		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	269		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	269		BRL				50
Diethyl phthalate	BRL		µg/kg dry	269		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	269		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	269		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	269		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	269		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	269		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	269		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	269		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
Duplicate (7051564-DUP1) **Source: SA62352-04**										
Prepared: 21-May-07 Analyzed: 22-May-07										
Di-n-octyl phthalate	BRL		µg/kg dry	269		BRL				50
Fluoranthene	55.5	J	µg/kg dry	269		47.1			16	50
Fluorene	BRL		µg/kg dry	269		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	269		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	269		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	269		BRL				50
Hexachloroethane	BRL		µg/kg dry	269		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	269		BRL				50
Isophorone	BRL		µg/kg dry	269		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	269		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	269		BRL				50
2-Methylphenol	BRL		µg/kg dry	269		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	269		BRL				50
Naphthalene	BRL		µg/kg dry	269		BRL				50
2-Nitroaniline	BRL		µg/kg dry	269		BRL				50
3-Nitroaniline	BRL		µg/kg dry	269		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1080		BRL				50
Nitrobenzene	BRL		µg/kg dry	269		BRL				50
2-Nitrophenol	BRL		µg/kg dry	269		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1080		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	269		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	269		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	269		BRL				50
Pentachlorophenol	BRL		µg/kg dry	269		BRL				50
Phenanthrene	BRL		µg/kg dry	269		BRL				50
Phenol	BRL		µg/kg dry	269		BRL				50
Pyrene	52.2	J	µg/kg dry	269		42.3			21	50
Pyridine	BRL		µg/kg dry	269		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	269		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	269		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	269		BRL				50
Surrogate: 2-Fluorobiphenyl	*2060*		µg/kg dry		*2720*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*1810*		µg/kg dry		*2720*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*1840*		µg/kg dry		*2720*		*68*	*30-130*		
Surrogate: Phenol-d5	*1770*		µg/kg dry		*2720*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*2390*		µg/kg dry		*2720*		*88*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1810*		µg/kg dry		*2720*		*67*	*15-110*		
Matrix Spike (7051564-MS1) **Source: SA62352-04**										
Prepared: 21-May-07 Analyzed: 22-May-07										
Acenaphthene	3970		µg/kg dry	271	5470	BRL	73	40-140		
4-Chloro-3-methylphenol	2680		µg/kg dry	271	5470	BRL	49	30-130		
2-Chlorophenol	3270		µg/kg dry	271	5470	BRL	60	30-130		
1,4-Dichlorobenzene	3140		µg/kg dry	271	5470	BRL	57	40-140		
2,4-Dinitrotoluene	5060		µg/kg dry	271	5470	BRL	93	40-140		
4-Nitrophenol	3270		µg/kg dry	1080	5470	BRL	60	30-130		
N-Nitrosodi-n-propylamine	3120		µg/kg dry	271	5470	BRL	57	40-140		
Pentachlorophenol	3890		µg/kg dry	271	5470	BRL	71	30-130		
Phenol	3250		µg/kg dry	271	5470	BRL	59	30-130		
Pyrene	4060		µg/kg dry	271	5470	42.3	73	40-140		
1,2,4-Trichlorobenzene	3230		µg/kg dry	271	5470	BRL	59	40-140		
Surrogate: 2-Fluorobiphenyl	*4410*		µg/kg dry		*5470*		*81*	*30-130*		
Surrogate: 2-Fluorophenol	*3390*		µg/kg dry		*5470*		*62*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051564 - SW846 3545A										
Matrix Spike (7051564-MS1) **Source: SA62352-04**										
Prepared: 21-May-07 Analyzed: 22-May-07										
Surrogate: Nitrobenzene-d5	*2860*		µg/kg dry		*5470*		*52*	*30-130*		
Surrogate: Phenol-d5	*2760*		µg/kg dry		*5470*		*50*	*15-110*		
Surrogate: Terphenyl-dl4	*4620*		µg/kg dry		*5470*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5050*		µg/kg dry		*5470*		*92*	*15-110*		
Matrix Spike Dup (7051564-MSD1) **Source: SA62352-04**										
Prepared: 21-May-07 Analyzed: 22-May-07										
Acenaphthene	3620		µg/kg dry	251	5080	BRL	71	40-140	3	30
4-Chloro-3-methylphenol	2690		µg/kg dry	251	5080	BRL	53	30-130	8	30
2-Chlorophenol	3140		µg/kg dry	251	5080	BRL	62	30-130	3	30
1,4-Dichlorobenzene	2910		µg/kg dry	251	5080	BRL	57	40-140	0	30
2,4-Dinitrotoluene	4210		µg/kg dry	251	5080	BRL	83	40-140	11	30
4-Nitrophenol	3100		µg/kg dry	1010	5080	BRL	61	30-130	2	30
N-Nitrosodi-n-propylamine	3040		µg/kg dry	251	5080	BRL	60	40-140	5	30
Pentachlorophenol	3540		µg/kg dry	251	5080	BRL	70	30-130	1	30
Phenol	3190		µg/kg dry	251	5080	BRL	63	30-130	7	30
Pyrene	3810		µg/kg dry	251	5080	42.3	74	40-140	1	30
1,2,4-Trichlorobenzene	2920		µg/kg dry	251	5080	BRL	57	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*3900*		µg/kg dry		*5080*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*3200*		µg/kg dry		*5080*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*2590*		µg/kg dry		*5080*		*51*	*30-130*		
Surrogate: Phenol-d5	*2700*		µg/kg dry		*5080*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*4250*		µg/kg dry		*5080*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4550*		µg/kg dry		*5080*		*90*	*15-110*		
Batch 7051600 - SW846 3550B										
Blank (7051600-BLK1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
Acenaphthene	BRL		µg/kg	330						
Acenaphthylene	BRL		µg/kg	330						
Aniline	BRL		µg/kg	330						
Anthracene	BRL		µg/kg	330						
Atrazine	BRL		µg/kg	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg	330						
Benzidine	BRL		µg/kg	330						
Benzo (a) anthracene	BRL		µg/kg	330						
Benzo (a) pyrene	BRL		µg/kg	330						
Benzo (b) fluoranthene	BRL		µg/kg	330						
Benzo (g,h,i) perylene	BRL		µg/kg	330						
Benzo (k) fluoranthene	BRL		µg/kg	330						
Benzoic acid	BRL		µg/kg	330						
Benzyl alcohol	BRL		µg/kg	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg	330						
Bis(2-chloroethyl)ether	BRL		µg/kg	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	330						
4-Bromophenyl phenyl ether	BRL		µg/kg	330						
Butyl benzyl phthalate	BRL		µg/kg	330						
Carbazole	BRL		µg/kg	330						
4-Chloro-3-methylphenol	BRL		µg/kg	330						
4-Chloroaniline	BRL		µg/kg	330						
2-Chloronaphthalene	BRL		µg/kg	330						
2-Chlorophenol	BRL		µg/kg	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051600 - SW846 3550B										
Blank (7051600-BLK1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
4-Chlorophenyl phenyl ether	BRL		µg/kg	330						
Chrysene	BRL		µg/kg	330						
Dibenzo (a,h) anthracene	BRL		µg/kg	330						
Dibenzofuran	BRL		µg/kg	330						
1,2-Dichlorobenzene	BRL		µg/kg	330						
1,3-Dichlorobenzene	BRL		µg/kg	330						
1,4-Dichlorobenzene	BRL		µg/kg	330						
3,3'-Dichlorobenzidine	BRL		µg/kg	330						
2,4-Dichlorophenol	BRL		µg/kg	330						
Diethyl phthalate	BRL		µg/kg	330						
Dimethyl phthalate	BRL		µg/kg	330						
2,4-Dimethylphenol	BRL		µg/kg	330						
Di-n-butyl phthalate	BRL		µg/kg	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg	330						
2,4-Dinitrophenol	BRL		µg/kg	330						
2,4-Dinitrotoluene	BRL		µg/kg	330						
2,6-Dinitrotoluene	BRL		µg/kg	330						
Di-n-octyl phthalate	BRL		µg/kg	330						
Fluoranthene	BRL		µg/kg	330						
Fluorene	BRL		µg/kg	330						
Hexachlorobenzene	BRL		µg/kg	330						
Hexachlorobutadiene	BRL		µg/kg	330						
Hexachlorocyclopentadiene	BRL		µg/kg	330						
Hexachloroethane	BRL		µg/kg	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	330						
Isophorone	BRL		µg/kg	330						
1-Methylnaphthalene	BRL		µg/kg	330						
2-Methylnaphthalene	BRL		µg/kg	330						
2-Methylphenol	BRL		µg/kg	330						
3,4-Methylphenol	BRL		µg/kg	330						
Naphthalene	BRL		µg/kg	330						
2-Nitroaniline	BRL		µg/kg	330						
3-Nitroaniline	BRL		µg/kg	330						
4-Nitroaniline	BRL		µg/kg	1320						
Nitrobenzene	BRL		µg/kg	330						
2-Nitrophenol	BRL		µg/kg	330						
4-Nitrophenol	BRL		µg/kg	1320						
N-Nitrosodimethylamine	BRL		µg/kg	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg	330						
N-Nitrosodiphenylamine	BRL		µg/kg	330						
Pentachlorophenol	BRL		µg/kg	330						
Phenanthrene	BRL		µg/kg	330						
Phenol	BRL		µg/kg	330						
Pyrene	BRL		µg/kg	330						
Pyridine	BRL		µg/kg	330						
1,2,4-Trichlorobenzene	BRL		µg/kg	330						
2,4,5-Trichlorophenol	BRL		µg/kg	330						
2,4,6-Trichlorophenol	BRL		µg/kg	330						
Surrogate: 2-Fluorobiphenyl	*2140*		µg/kg		*6670*		*32*	*30-130*		
Surrogate: 2-Fluorophenol	*1850*		µg/kg		*6670*		*28*	*15-110*		
Surrogate: Nitrobenzene-d5	*1920*	SGC	µg/kg		*6670*		*29*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051600 - SW846 3550B										
Blank (7051600-BLK1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
Surrogate: Phenol-d5	*1880*		µg/kg		*6670*		*28*	*15-110*		
Surrogate: Terphenyl-dl4	*2480*		µg/kg		*6670*		*37*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2040*		µg/kg		*6670*		*31*	*15-110*		
LCS (7051600-BS1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
Acenaphthene	4140		µg/kg	330	6670		62	40-130		
Acenaphthylene	4730		µg/kg	330	6670		71	40-130		
Aniline	7090		µg/kg	330	6670		106	40-130		
Anthracene	4570		µg/kg	330	6670		69	40-130		
Atrazine	16000	QC2	µg/kg	330	6670		240	40-130		
Azobenzene/Diphenyldiazine	3470		µg/kg	330	6670		52	40-130		
Benzidine	8820	QC2	µg/kg	330	6670		132	0-130		
Benzo (a) anthracene	3840		µg/kg	330	6670		58	40-130		
Benzo (a) pyrene	4490		µg/kg	330	6670		67	40-130		
Benzo (b) fluoranthene	3670		µg/kg	330	6670		55	40-130		
Benzo (g,h,i) perylene	4090		µg/kg	330	6670		61	40-130		
Benzo (k) fluoranthene	5180		µg/kg	330	6670		78	40-130		
Benzoic acid	3070		µg/kg	330	6670		46	6.16-130		
Benzyl alcohol	2960		µg/kg	330	6670		44	40-130		
Bis(2-chloroethoxy)methane	3160		µg/kg	330	6670		47	40-130		
Bis(2-chloroethyl)ether	3730		µg/kg	330	6670		56	40-130		
Bis(2-chloroisopropyl)ether	3720		µg/kg	330	6670		56	40-130		
Bis(2-ethylhexyl)phthalate	3830		µg/kg	330	6670		57	40-130		
4-Bromophenyl phenyl ether	4320		µg/kg	330	6670		65	40-130		
Butyl benzyl phthalate	3840		µg/kg	330	6670		58	40-130		
Carbazole	11300	QC1	µg/kg	330	6670		169	40-130		
4-Chloro-3-methylphenol	3060		µg/kg	330	6670		46	40-130		
4-Chloroaniline	4890		µg/kg	330	6670		73	40-130		
2-Chloronaphthalene	4440		µg/kg	330	6670		67	40-130		
2-Chlorophenol	3720		µg/kg	330	6670		56	40-130		
4-Chlorophenyl phenyl ether	4540		µg/kg	330	6670		68	40-130		
Chrysene	4570		µg/kg	330	6670		69	40-130		
Dibenzo (a,h) anthracene	4110		µg/kg	330	6670		62	40-130		
Dibenzofuran	4510		µg/kg	330	6670		68	40-130		
1,2-Dichlorobenzene	3910		µg/kg	330	6670		59	40-130		
1,3-Dichlorobenzene	3490		µg/kg	330	6670		52	40-130		
1,4-Dichlorobenzene	3920		µg/kg	330	6670		59	40-130		
3,3´-Dichlorobenzidine	5620		µg/kg	330	6670		84	40-130		
2,4-Dichlorophenol	3170		µg/kg	330	6670		48	40-130		
Diethyl phthalate	4100		µg/kg	330	6670		61	40-130		
Dimethyl phthalate	4300		µg/kg	330	6670		64	40-130		
2,4-Dimethylphenol	2840		µg/kg	330	6670		43	40-130		
Di-n-butyl phthalate	3890		µg/kg	330	6670		58	40-130		
4,6-Dinitro-2-methylphenol	4020		µg/kg	330	6670		60	40-130		
2,4-Dinitrophenol	3740		µg/kg	330	6670		56	40-130		
2,4-Dinitrotoluene	4850		µg/kg	330	6670		73	40-130		
2,6-Dinitrotoluene	5150		µg/kg	330	6670		77	40-130		
Di-n-octyl phthalate	4020		µg/kg	330	6670		60	40-130		
Fluoranthene	4120		µg/kg	330	6670		62	40-130		
Fluorene	4110		µg/kg	330	6670		62	40-130		
Hexachlorobenzene	4580		µg/kg	330	6670		69	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051600 - SW846 3550B										
LCS (7051600-BS1)										
Prepared: 22-May-07 Analyzed: 24-May-07										
Hexachlorobutadiene	3630		µg/kg	330	6670		54	40-130		
Hexachlorocyclopentadiene	2860		µg/kg	330	6670		43	40-130		
Hexachloroethane	4170		µg/kg	330	6670		63	40-130		
Indeno (1,2,3-cd) pyrene	4030		µg/kg	330	6670		60	40-130		
Isophorone	3240		µg/kg	330	6670		49	40-130		
1-Methylnaphthalene	4560		µg/kg	330	6670		68	40-140		
2-Methylnaphthalene	3220		µg/kg	330	6670		48	40-130		
2-Methylphenol	3100		µg/kg	330	6670		46	40-130		
3,4-Methylphenol	3550		µg/kg	330	6670		53	40-130		
Naphthalene	3190		µg/kg	330	6670		48	40-130		
2-Nitroaniline	5040		µg/kg	330	6670		76	40-130		
3-Nitroaniline	4520		µg/kg	330	6670		68	40-130		
4-Nitroaniline	7100		µg/kg	1320	6670		106	40-130		
Nitrobenzene	3270		µg/kg	330	6670		49	40-130		
2-Nitrophenol	3130		µg/kg	330	6670		47	40-130		
4-Nitrophenol	3180		µg/kg	1320	6670		48	40-130		
N-Nitrosodimethylamine	4270		µg/kg	330	6670		64	40-130		
N-Nitrosodi-n-propylamine	3600		µg/kg	330	6670		54	40-130		
N-Nitrosodiphenylamine	5340		µg/kg	330	6670		80	40-130		
Pentachlorophenol	4090		µg/kg	330	6670		61	40-130		
Phenanthrene	3780		µg/kg	330	6670		57	40-130		
Phenol	3680		µg/kg	330	6670		55	40-130		
Pyrene	4060		µg/kg	330	6670		61	40-130		
Pyridine	3580		µg/kg	330	6670		54	40-130		
1,2,4-Trichlorobenzene	3650		µg/kg	330	6670		55	40-130		
2,4,5-Trichlorophenol	3920		µg/kg	330	6670		59	40-130		
2,4,6-Trichlorophenol	3330		µg/kg	330	6670		50	40-130		
Surrogate: 2-Fluorobiphenyl	*2410*		µg/kg		*6670*		*36*	*30-130*		
Surrogate: 2-Fluorophenol	*1870*		µg/kg		*6670*		*28*	*15-110*		
Surrogate: Nitrobenzene-d5	*1600*	SGC	µg/kg		*6670*		*24*	*30-130*		
Surrogate: Phenol-d5	*2370*		µg/kg		*6670*		*36*	*15-110*		
Surrogate: Terphenyl-dl4	*2360*		µg/kg		*6670*		*35*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2550*		µg/kg		*6670*		*38*	*15-110*		
Duplicate (7051600-DUP1) **Source: SA62318-01**										
Prepared: 22-May-07 Analyzed: 24-May-07										
Acenaphthene	BRL		µg/kg	812		BRL				50
Acenaphthylene	BRL		µg/kg	812		BRL				50
Aniline	BRL		µg/kg	812		BRL				50
Anthracene	940		µg/kg	812		BRL				50
Atrazine	BRL		µg/kg	812		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg	812		BRL				50
Benzidine	BRL		µg/kg	812		BRL				50
Benzo (a) anthracene	230	J	µg/kg	812		BRL				50
Benzo (a) pyrene	BRL		µg/kg	812		BRL				50
Benzo (b) fluoranthene	110	J	µg/kg	812		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg	812		BRL				50
Benzo (k) fluoranthene	113	J	µg/kg	812		BRL				50
Benzoic acid	BRL		µg/kg	812		BRL				50
Benzyl alcohol	BRL		µg/kg	812		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg	812		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg	812		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051600 - SW846 3550B										
Duplicate (7051600-DUP1) **Source: SA62318-01**										
Prepared: 22-May-07 Analyzed: 24-May-07										
Bis(2-chloroisopropyl)ether	BRL		µg/kg	812		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg	812		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg	812		BRL				50
Butyl benzyl phthalate	BRL		µg/kg	812		BRL				50
Carbazole	BRL		µg/kg	812		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg	812		BRL				50
4-Chloroaniline	BRL		µg/kg	812		BRL				50
2-Chloronaphthalene	BRL		µg/kg	812		BRL				50
2-Chlorophenol	BRL		µg/kg	812		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg	812		BRL				50
Chrysene	366	J	µg/kg	812		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg	812		BRL				50
Dibenzofuran	BRL		µg/kg	812		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg	812		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg	812		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg	812		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg	812		BRL				50
2,4-Dichlorophenol	BRL		µg/kg	812		BRL				50
Diethyl phthalate	BRL		µg/kg	812		BRL				50
Dimethyl phthalate	BRL		µg/kg	812		BRL				50
2,4-Dimethylphenol	BRL		µg/kg	812		BRL				50
Di-n-butyl phthalate	BRL		µg/kg	812		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg	812		BRL				50
2,4-Dinitrophenol	BRL		µg/kg	812		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg	812		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg	812		BRL				50
Di-n-octyl phthalate	BRL		µg/kg	812		BRL				50
Fluoranthene	1960	QM4	µg/kg	812		145			172	50
Fluorene	207	J	µg/kg	812		BRL				50
Hexachlorobenzene	BRL		µg/kg	812		BRL				50
Hexachlorobutadiene	BRL		µg/kg	812		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg	812		BRL				50
Hexachloroethane	BRL		µg/kg	812		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg	812		BRL				50
Isophorone	BRL		µg/kg	812		BRL				50
1-Methylnaphthalene	BRL		µg/kg	812		BRL				50
2-Methylnaphthalene	BRL		µg/kg	812		BRL				50
2-Methylphenol	BRL		µg/kg	812		BRL				50
3,4-Methylphenol	BRL		µg/kg	812		BRL				50
Naphthalene	BRL		µg/kg	812		BRL				50
2-Nitroaniline	BRL		µg/kg	812		BRL				50
3-Nitroaniline	BRL		µg/kg	812		BRL				50
4-Nitroaniline	BRL		µg/kg	3250		BRL				50
Nitrobenzene	BRL		µg/kg	812		BRL				50
2-Nitrophenol	BRL		µg/kg	812		BRL				50
4-Nitrophenol	BRL		µg/kg	3250		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg	812		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg	812		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg	812		BRL				50
Pentachlorophenol	BRL		µg/kg	812		BRL				50
Phenanthrene	1800		µg/kg	812		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051600 - SW846 3550B										
Duplicate (7051600-DUP1) **Source: SA62318-01**										
Prepared: 22-May-07 Analyzed: 24-May-07										
Phenol	BRL		µg/kg	812		BRL				50
Pyrene	1380		µg/kg	812		BRL				50
Pyridine	BRL		µg/kg	812		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg	812		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg	812		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg	812		BRL				50
Surrogate: 2-Fluorobiphenyl	*4160*		µg/kg		*8200*		*51*	*30-130*		
Surrogate: 2-Fluorophenol	*4220*		µg/kg		*8200*		*51*	*15-110*		
Surrogate: Nitrobenzene-d5	*3820*		µg/kg		*8200*		*47*	*30-130*		
Surrogate: Phenol-d5	*4500*		µg/kg		*8200*		*55*	*15-110*		
Surrogate: Terphenyl-dl4	*4540*		µg/kg		*8200*		*55*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4010*		µg/kg		*8200*		*49*	*15-110*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051636 - EPA200/SW7000 Series										
Blank (7051636-BLK1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
Mercury	BRL		mg/kg	0.0300						
Duplicate (7051636-DUP1) **Source: SA62220-01**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Mercury	0.0120	J,QR4	mg/kg	0.0292		0.0175			37	20
Matrix Spike (7051636-MS1) **Source: SA62220-02**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Mercury	0.471		mg/kg	0.0297	0.412	0.0111	112	75-125		
Reference (7051636-SRM1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
Mercury	1.28		mg/kg	0.0300	1.47		87	66-132.6		
Batch 7051653 - EPA200/SW7000 Series										
Blank (7051653-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/kg wet	0.0296						
Duplicate (7051653-DUP1) **Source: SA62313-01**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.0808		mg/kg dry	0.0795		0.0663			20	20
Matrix Spike (7051653-MS1) **Source: SA62320-14**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.469		mg/kg dry	0.0306	0.426	0.0096	108	75-125		
Post Spike (7051653-PS1) **Source: SA62320-14**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.467		mg/kg dry	0.0304	0.423	0.0096	108	85-115		
Reference (7051653-SRM1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	1.63		mg/kg wet	0.0300	1.45		112	66-132.6		

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 7051634 - EPA 200 Series										
Blank (7051634-BLK1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	BRL		mg/kg	1.46						
Cadmium	BRL		mg/kg	0.487						
Barium	BRL		mg/kg	0.974						
Chromium	BRL		mg/kg	0.974						
Arsenic	BRL		mg/kg	1.46						
Lead	BRL		mg/kg	1.46						
Silver	BRL		mg/kg	1.46						
Duplicate (7051634-DUP1) **Source: SA62220-01**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	0.752	J,QR4	mg/kg	1.46		1.24			49	35
Cadmium	0.466	J	mg/kg	0.485		0.474			2	35
Barium	15.2		mg/kg	0.970		13.8			10	35
Silver	BRL		mg/kg	1.46		BRL				35
Lead	4.32		mg/kg	1.46		3.28			27	35
Chromium	4.75		mg/kg	0.970		5.22			9	35
Arsenic	1.25	J,QR4	mg/kg	1.46		0.687			58	35
Matrix Spike (7051634-MS1) **Source: SA62220-02**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	99.9		mg/kg	1.36	113	0.655	88	70-130		
Chromium	102		mg/kg	0.903	113	1.77	89	70-130		
Arsenic	101		mg/kg	1.36	113	0.471	89	70-130		
Lead	97.6		mg/kg	1.36	113	3.08	84	70-130		
Cadmium	100		mg/kg	0.452	113	0.842	88	70-130		
Barium	115		mg/kg	0.903	113	10.3	93	70-130		
Silver	91.9		mg/kg	1.36	113	BRL	81	70-130		
Matrix Spike (7051634-MS2) **Source: SA62320-03**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	106		mg/kg	1.44	120	1.07	87	70-130		
Chromium	110		mg/kg	0.960	120	2.53	90	70-130		
Silver	112		mg/kg	1.44	120	BRL	93	70-130		
Cadmium	105		mg/kg	0.480	120	1.97	86	70-130		
Lead	108		mg/kg	1.44	120	8.02	83	70-130		
Barium	170		mg/kg	0.960	120	50.4	100	70-130		
Arsenic	110		mg/kg	1.44	120	2.19	90	70-130		
Post Spike (7051634-PS1) **Source: SA62220-02**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	102		mg/kg	1.35	112	0.655	90	85-115		
Chromium	106		mg/kg	0.897	112	1.77	93	85-115		
Arsenic	103		mg/kg	1.35	112	0.471	92	85-115		
Cadmium	102		mg/kg	0.449	112	0.842	90	85-115		
Silver	99.2		mg/kg	1.35	112	BRL	89	85-115		
Lead	99.5		mg/kg	1.35	112	3.08	86	85-115		
Barium	114		mg/kg	0.897	112	10.3	93	85-115		
Post Spike (7051634-PS2) **Source: SA62320-03**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	110		mg/kg	1.48	123	1.07	89	85-115		
Chromium	113		mg/kg	0.987	123	2.53	90	85-115		
Arsenic	114		mg/kg	1.48	123	2.19	91	85-115		
Cadmium	110		mg/kg	0.493	123	1.97	88	85-115		

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 7051634 - EPA 200 Series										
Post Spike (7051634-PS2) **Source: SA62320-03**										
Prepared: 22-May-07 Analyzed: 23-May-07										
Lead	112		mg/kg	1.48	123	8.02	85	85-115		
Barium	168		mg/kg	0.987	123	50.4	96	85-115		
Reference (7051634-SRM1)										
Prepared: 22-May-07 Analyzed: 23-May-07										
Selenium	71.0		mg/kg	1.50	71.1		100	77.5-122.5		
Barium	135		mg/kg	1.00	140		96	82-118		
Chromium	58.9		mg/kg	1.00	61.8		95	80.5-119.2		
Cadmium	47.8		mg/kg	0.500	49.1		97	80.1-119.6		
Silver	48.5		mg/kg	1.50	49.8		97	66.3-133.3		
Arsenic	76.8		mg/kg	1.50	77.7		99	76.8-123.2		
Lead	58.4		mg/kg	1.50	61.8		94	78.4-120.8		
Batch 7051652 - EPA 200 Series										
Blank (7051652-BLK1)										
Prepared & Analyzed: 23-May-07										
Selenium	BRL		mg/kg wet	1.37						
Silver	BRL		mg/kg wet	1.37						
Cadmium	BRL		mg/kg wet	0.458						
Arsenic	BRL		mg/kg wet	1.37						
Chromium	BRL		mg/kg wet	0.915						
Lead	BRL		mg/kg wet	1.37						
Barium	BRL		mg/kg wet	0.915						
Duplicate (7051652-DUP1) **Source: SA62313-01**										
Prepared & Analyzed: 23-May-07										
Selenium	1.80	J,QR4	mg/kg dry	3.57		3.62			67	35
Silver	BRL		mg/kg dry	3.57		BRL				35
Cadmium	0.262	J	mg/kg dry	1.19		0.262			0	35
Chromium	27.9		mg/kg dry	2.38		23.6			17	35
Arsenic	0.678	J	mg/kg dry	3.57		BRL				35
Lead	2.93	J	mg/kg dry	3.57		3.19			8	35
Barium	1260	QR5	mg/kg dry	2.38		801			45	35
Matrix Spike (7051652-MS1) **Source: SA62320-14**										
Prepared & Analyzed: 23-May-07										
Selenium	114		mg/kg dry	1.48	124	1.14	91	70-130		
Silver	120		mg/kg dry	1.48	124	BRL	97	70-130		
Cadmium	107		mg/kg dry	0.495	124	0.413	86	70-130		
Arsenic	117		mg/kg dry	1.48	124	2.03	93	70-130		
Chromium	129		mg/kg dry	0.990	124	18.0	90	70-130		
Lead	106		mg/kg dry	1.48	124	4.05	82	70-130		
Barium	178		mg/kg dry	0.990	124	58.3	97	70-130		
Post Spike (7051652-PS1) **Source: SA62320-14**										
Prepared & Analyzed: 23-May-07										
Selenium	117		mg/kg dry	1.47	122	1.14	95	85-115		
Cadmium	109		mg/kg dry	0.489	122	0.413	89	85-115		
Chromium	131		mg/kg dry	0.978	122	18.0	93	85-115		
Lead	108		mg/kg dry	1.47	122	4.05	85	85-115		
Arsenic	121		mg/kg dry	1.47	122	2.03	98	85-115		
Barium	178		mg/kg dry	0.978	122	58.3	98	85-115		
Reference (7051652-SRM1)										

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 7051652 - EPA 200 Series										
Prepared & Analyzed: 23-May-07										
Silver	47.9		mg/kg wet	1.50	48.5		99	66.3-133.3		
Selenium	67.8		mg/kg wet	1.50	69.1		98	77.5-122.5		
Arsenic	74.2		mg/kg wet	1.50	75.6		98	76.8-123.2		
Chromium	59.8		mg/kg wet	1.00	60.1		100	80.5-119.2		
Lead	56.2		mg/kg wet	1.50	60.1		94	78.4-120.8		
Cadmium	46.1		mg/kg wet	0.500	47.7		97	80.1-119.6		
Barium	131		mg/kg wet	1.00	136		96	82-118		

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 7051724 - SW846 3010A										
Blank (7051724-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Cadmium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0300						
Chromium	BRL		mg/l	0.0500						
Silver	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0080						
LCS (7051724-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.47		mg/l	0.0300	2.50		99	78.9-116		
Lead	2.27		mg/l	0.0150	2.50		91	74.1-104		
Silver	2.42		mg/l	0.0150	2.50		97	69.2-113		
Arsenic	2.42		mg/l	0.0080	2.50		97	82.5-110		
Barium	2.50		mg/l	0.0300	2.50		100	86-117		
Cadmium	2.56		mg/l	0.0050	2.50		102	81.6-115		
Chromium	2.43		mg/l	0.0500	2.50		97	82-107		
LCS Dup (7051724-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.23		mg/l	0.0150	2.50		89	74.1-104	2	20
Selenium	2.42		mg/l	0.0300	2.50		97	78.9-116	2	20
Arsenic	2.36		mg/l	0.0080	2.50		94	82.5-110	3	20
Chromium	2.36		mg/l	0.0500	2.50		94	82-107	3	20
Barium	2.46		mg/l	0.0300	2.50		98	86-117	2	20
Silver	2.37		mg/l	0.0150	2.50		95	69.2-113	2	20
Cadmium	2.53		mg/l	0.0050	2.50		101	81.6-115	1	20
Duplicate (7051724-DUP1) **Source: SA62318-12**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	0.0127	J	mg/l	0.0150		0.0128			0.8	20
Selenium	BRL		mg/l	0.0300		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Chromium	BRL		mg/l	0.0500		BRL				20
Barium	0.0384		mg/l	0.0300		0.0368			4	20
Silver	BRL		mg/l	0.0150		BRL				20
Cadmium	0.0005	J	mg/l	0.0050		0.0005			0	20
Matrix Spike (7051724-MS1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.29		mg/l	0.0150	2.50	BRL	92	68.9-106		
Selenium	2.52		mg/l	0.0300	2.50	BRL	101	79.9-113		
Cadmium	2.55		mg/l	0.0050	2.50	0.0005	102	63.8-121		
Barium	2.57		mg/l	0.0300	2.50	0.0215	102	84.5-116		
Arsenic	2.45		mg/l	0.0080	2.50	BRL	98	82.9-109		
Silver	2.47		mg/l	0.0150	2.50	BRL	99	70.4-112		
Chromium	2.46		mg/l	0.0500	2.50	0.0151	98	81-103		
Matrix Spike Dup (7051724-MSD1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.59		mg/l	0.0300	2.50	BRL	104	79.9-113	3	35
Lead	2.37		mg/l	0.0150	2.50	BRL	95	68.9-106	3	35
Chromium	2.54		mg/l	0.0500	2.50	0.0151	101	81-103	3	35
Arsenic	2.54		mg/l	0.0080	2.50	BRL	102	82.9-109	4	35

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 7051724 - SW846 3010A										
Matrix Spike Dup (7051724-MSD1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Silver	2.54		mg/l	0.0150	2.50	BRL	102	70.4-112	3	35
Cadmium	2.64		mg/l	0.0050	2.50	0.0005	106	63.8-121	3	35
Barium	2.67		mg/l	0.0300	2.50	0.0215	106	84.5-116	4	35
Post Spike (7051724-PS1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.58		mg/l	0.0300	2.50	BRL	103	80.7-114		
Lead	2.37		mg/l	0.0150	2.50	BRL	95	69.1-106		
Silver	2.53		mg/l	0.0150	2.50	BRL	101	67.7-120		
Arsenic	2.54		mg/l	0.0080	2.50	BRL	102	72.8-117		
Cadmium	2.64		mg/l	0.0050	2.50	0.0005	106	70.9-117		
Barium	2.67		mg/l	0.0300	2.50	0.0215	106	84.7-117		
Chromium	2.53		mg/l	0.0500	2.50	0.0151	101	79.2-107		
Batch 7051725 - EPA200/SW7000 Series										
Blank (7051725-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7051725-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00202		mg/l	0.00020	0.00250		81	63.3-124		
Duplicate (7051725-DUP1) **Source: SA62318-12**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7051725-MS1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00200		mg/l	0.00020	0.00250	BRL	80	53.1-126		
Matrix Spike Dup (7051725-MSD1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00216		mg/l	0.00020	0.00250	BRL	86	53.1-126	8	35
Post Spike (7051725-PS1) **Source: SA62320-16**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00212		mg/l	0.00020	0.00250	BRL	85	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051611 - SW846 3010A										
Blank (7051611-BLK1)										
Prepared & Analyzed: 23-May-07										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0300						
Chromium	BRL		mg/l	0.0500						
Silver	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0080						
LCS (7051611-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.36		mg/l	0.0150	2.50		94	75.8-108		
Selenium	2.34		mg/l	0.0300	2.50		94	75.1-104		
Barium	2.50		mg/l	0.0300	2.50		100	85.1-119		
Chromium	2.46		mg/l	0.0500	2.50		98	81.1-107		
Arsenic	2.36		mg/l	0.0080	2.50		94	75.7-104		
Silver	2.41		mg/l	0.0100	2.50		96	47.9-114		
Cadmium	2.49		mg/l	0.0050	2.50		100	81.3-109		
LCS Dup (7051611-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.35		mg/l	0.0300	2.50		94	75.1-104	0.4	20
Lead	2.37		mg/l	0.0150	2.50		95	75.8-108	0.4	20
Arsenic	2.35		mg/l	0.0080	2.50		94	75.7-104	0.4	20
Cadmium	2.48		mg/l	0.0050	2.50		99	81.3-109	0.4	20
Silver	2.40		mg/l	0.0100	2.50		96	47.9-114	0.4	20
Chromium	2.46		mg/l	0.0500	2.50		98	81.1-107	0	20
Barium	2.49		mg/l	0.0300	2.50		100	85.1-119	0.4	20
Duplicate (7051611-DUP1) **Source: SA62320-04**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	BRL		mg/l	0.0300		BRL				20
Lead	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0500		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Barium	0.0100	J,QR4	mg/l	0.0300		0.0056			56	20
Silver	BRL		mg/l	0.0100		BRL				20
Matrix Spike (7051611-MS1) **Source: SA62320-01**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.37		mg/l	0.0300	2.50	BRL	95	78.1-102		
Lead	2.36		mg/l	0.0150	2.50	BRL	94	72.5-110		
Barium	2.54		mg/l	0.0300	2.50	BRL	102	88.9-114		
Chromium	2.46		mg/l	0.0500	2.50	BRL	98	81.5-106		
Arsenic	2.38		mg/l	0.0080	2.50	BRL	95	85.4-98.8		
Cadmium	2.51		mg/l	0.0050	2.50	0.0005	100	81.2-109		
Silver	2.43		mg/l	0.0100	2.50	BRL	97	62.7-106		
Matrix Spike Dup (7051611-MSD1) **Source: SA62320-01**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.35		mg/l	0.0150	2.50	BRL	94	72.5-110	0.4	35
Selenium	2.37		mg/l	0.0300	2.50	BRL	95	78.1-102	0	35
Arsenic	2.37		mg/l	0.0080	2.50	BRL	95	85.4-98.8	0.4	35
Silver	2.46		mg/l	0.0100	2.50	BRL	98	62.7-106	1	35

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 7051611 - SW846 3010A										
Matrix Spike Dup (7051611-MSD1) Source: SA62320-01										
Prepared: 23-May-07 Analyzed: 24-May-07										
Chromium	2.49		mg/l	0.0500	2.50	BRL	100	81.5-106	1	35
Cadmium	2.51		mg/l	0.0050	2.50	0.0005	100	81.2-109	0	35
Barium	2.58		mg/l	0.0300	2.50	BRL	103	88.9-114	2	35
Post Spike (7051611-PS1) Source: SA62320-01										
Prepared: 23-May-07 Analyzed: 24-May-07										
Selenium	2.32		mg/l	0.0300	2.50	BRL	93	73.6-105		
Lead	2.32		mg/l	0.0150	2.50	BRL	93	70.4-112		
Cadmium	2.47		mg/l	0.0050	2.50	0.0005	99	78.2-111		
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.5-96.5		
Arsenic	2.33		mg/l	0.0080	2.50	BRL	93	77.1-104		
Chromium	2.43		mg/l	0.0500	2.50	BRL	97	78.8-109		
Barium	2.52		mg/l	0.0300	2.50	BRL	101	86.8-118		
Batch 7051612 - EPA200/SW7000 Series										
Blank (7051612-BLK1)										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7051612-BS1)										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	0.00215		mg/l	0.00020	0.00250		86	66.6-117		
Duplicate (7051612-DUP1) Source: SA62320-04										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	0.00010	J,QR4	mg/l	0.00020		0.00008			22	20
Matrix Spike (7051612-MS1) Source: SA62320-01										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	0.00255		mg/l	0.00020	0.00250	BRL	102	76.1-111		
Matrix Spike Dup (7051612-MSD1) Source: SA62320-01										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	0.00271		mg/l	0.00020	0.00250	BRL	108	76.1-111	6	35
Post Spike (7051612-PS1) Source: SA62320-01										
Prepared: 23-May-07 Analyzed: 25-May-07										
Mercury	0.00260		mg/l	0.00020	0.00250	BRL	104	66.8-110		
Batch 7051727 - SW846 3010A										
Blank (7051727-BLK1)										
Prepared & Analyzed: 23-May-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Arsenic	BRL		mg/l	0.0080						
Chromium	BRL		mg/l	0.0500						
Barium	BRL		mg/l	0.0300						
Cadmium	BRL		mg/l	0.0050						
Silver	0.0189	QB2	mg/l	0.0100						
LCS (7051727-BS1)										
Prepared & Analyzed: 23-May-07										
Selenium	2.33		mg/l	0.0300	2.50		93	75.1-104		
Lead	2.44		mg/l	0.0150	2.50		98	75.8-108		
Chromium	2.55		mg/l	0.0500	2.50		102	81.1-107		

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 7051727 - SW846 3010A										
LCS (7051727-BS1)										
Prepared & Analyzed: 23-May-07										
Arsenic	2.34		mg/l	0.0080	2.50		94	75.7-104		
Cadmium	2.65		mg/l	0.0050	2.50		106	81.3-109		
Barium	2.65		mg/l	0.0300	2.50		106	85.1-119		
Silver	2.36		mg/l	0.0100	2.50		94	47.9-114		
LCS Dup (7051727-BSD1)										
Prepared & Analyzed: 23-May-07										
Selenium	2.26		mg/l	0.0300	2.50		90	75.1-104	3	20
Lead	2.37		mg/l	0.0150	2.50		95	75.8-108	3	20
Cadmium	2.59		mg/l	0.0050	2.50		104	81.3-109	2	20
Arsenic	2.28		mg/l	0.0080	2.50		91	75.7-104	3	20
Chromium	2.52		mg/l	0.0500	2.50		101	81.1-107	1	20
Barium	2.62		mg/l	0.0300	2.50		105	85.1-119	1	20
Silver	2.33		mg/l	0.0100	2.50		93	47.9-114	1	20
Duplicate (7051727-DUP1)	**Source: SA62320-05**									
Prepared & Analyzed: 23-May-07										
Selenium	BRL		mg/l	0.0300		BRL				20
Lead	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0500		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Barium	0.0123	J	mg/l	0.0300		0.0121			2	20
Cadmium	0.0003	J,QR4	mg/l	0.0050		0.0004			29	20
Silver	BRL		mg/l	0.0100		0.0056				20
Matrix Spike (7051727-MS1)	**Source: SA62320-13**									
Prepared & Analyzed: 23-May-07										
Lead	2.45		mg/l	0.0150	2.50	0.0120	98	72.5-110		
Selenium	2.37		mg/l	0.0300	2.50	BRL	95	78.1-102		
Silver	2.38		mg/l	0.0100	2.50	BRL	95	62.7-106		
Arsenic	2.38		mg/l	0.0080	2.50	BRL	95	85.4-98.8		
Cadmium	2.69		mg/l	0.0050	2.50	0.0008	108	81.2-109		
Chromium	2.58		mg/l	0.0500	2.50	BRL	103	81.5-106		
Barium	2.70		mg/l	0.0300	2.50	0.0051	108	88.9-114		
Matrix Spike Dup (7051727-MSD1)	**Source: SA62320-13**									
Prepared & Analyzed: 23-May-07										
Lead	2.41		mg/l	0.0150	2.50	0.0120	96	72.5-110	2	35
Selenium	2.32		mg/l	0.0300	2.50	BRL	93	78.1-102	2	35
Barium	2.68		mg/l	0.0300	2.50	0.0051	107	88.9-114	0.7	35
Silver	2.36		mg/l	0.0100	2.50	BRL	94	62.7-106	0.8	35
Arsenic	2.34		mg/l	0.0080	2.50	BRL	94	85.4-98.8	2	35
Cadmium	2.63		mg/l	0.0050	2.50	0.0008	105	81.2-109	2	35
Chromium	2.55		mg/l	0.0500	2.50	BRL	102	81.5-106	1	35
Post Spike (7051727-PS1)	**Source: SA62320-13**									
Prepared & Analyzed: 23-May-07										
Lead	2.44		mg/l	0.0150	2.50	0.0120	97	70.4-112		
Selenium	2.35		mg/l	0.0300	2.50	BRL	94	73.6-105		
Barium	2.71		mg/l	0.0300	2.50	0.0051	108	86.8-118		
Cadmium	2.67		mg/l	0.0050	2.50	0.0008	107	78.2-111		
Arsenic	2.37		mg/l	0.0080	2.50	BRL	95	77.1-104		
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.5-96.5		
Chromium	2.57		mg/l	0.0500	2.50	BRL	103	78.8-109		

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 7051728 - EPA200/SW7000 Series										
Blank (7051728-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7051728-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00195		mg/l	0.00020	0.00250		78	66.6-117		
Duplicate (7051728-DUP1) **Source: SA62320-05**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7051728-MS1) **Source: SA62320-13**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00214		mg/l	0.00020	0.00250	BRL	86	76.1-111		
Matrix Spike Dup (7051728-MSD1) **Source: SA62320-13**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00216		mg/l	0.00020	0.00250	BRL	86	76.1-111	0.9	35
Post Spike (7051728-PS1) **Source: SA62320-13**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00208		mg/l	0.00020	0.00250	BRL	83	66.8-110		
Batch 7051729 - SW846 3010A										
Blank (7051729-BLK1)										
Prepared & Analyzed: 23-May-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Cadmium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0500						
Arsenic	BRL		mg/l	0.0080						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0300						
LCS (7051729-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.56		mg/l	0.0150	2.50		102	75.8-108		
Selenium	2.62	QC3	mg/l	0.0300	2.50		105	75.1-104		
Cadmium	2.69		mg/l	0.0050	2.50		108	81.3-109		
Chromium	2.60		mg/l	0.0500	2.50		104	81.1-107		
Arsenic	2.52		mg/l	0.0080	2.50		101	75.7-104		
Silver	2.48		mg/l	0.0100	2.50		99	47.9-114		
Barium	2.66		mg/l	0.0300	2.50		106	85.1-119		
LCS Dup (7051729-BSD1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Lead	2.52		mg/l	0.0150	2.50		101	75.8-108	2	20
Selenium	2.61		mg/l	0.0300	2.50		104	75.1-104	0.4	20
Chromium	2.54		mg/l	0.0500	2.50		102	81.1-107	2	20
Cadmium	2.66		mg/l	0.0050	2.50		106	81.3-109	1	20
Arsenic	2.50		mg/l	0.0080	2.50		100	75.7-104	0.8	20
Silver	2.43		mg/l	0.0100	2.50		97	47.9-114	2	20
Barium	2.62		mg/l	0.0300	2.50		105	85.1-119	2	20
Duplicate (7051729-DUP1) **Source: SA62318-10**										
Prepared & Analyzed: 23-May-07										

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 7051729 - SW846 3010A										
Duplicate (7051729-DUP1)	**Source: SA62318-10**									
Prepared & Analyzed: 23-May-07										
Lead	0.0201	QR1	mg/l	0.0150		0.0126			46	20
Selenium	BRL		mg/l	0.0300		BRL				20
Chromium	0.0298	J	mg/l	0.0500		0.0288			3	20
Arsenic	BRL		mg/l	0.0080		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0050		BRL				20
Barium	0.0602		mg/l	0.0300		0.0662			9	20
Matrix Spike (7051729-MS1)	**Source: SA62429-01**									
Prepared & Analyzed: 23-May-07										
Lead	2.49		mg/l	0.0150	2.50	0.0122	99	72.5-110		
Selenium	2.56		mg/l	0.0300	2.50	BRL	102	78.1-102		
Chromium	2.55		mg/l	0.0500	2.50	BRL	102	81.5-106		
Arsenic	2.46		mg/l	0.0080	2.50	BRL	98	85.4-98.8		
Silver	2.43		mg/l	0.0100	2.50	BRL	97	62.7-106		
Cadmium	2.61		mg/l	0.0050	2.50	BRL	104	81.2-109		
Barium	2.60		mg/l	0.0300	2.50	0.0084	104	88.9-114		
Matrix Spike Dup (7051729-MSD1)	**Source: SA62429-01**									
Prepared & Analyzed: 23-May-07										
Selenium	2.56		mg/l	0.0300	2.50	BRL	102	78.1-102	0	35
Lead	2.46		mg/l	0.0150	2.50	0.0122	98	72.5-110	1	35
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.7-106	1	35
Chromium	2.51		mg/l	0.0500	2.50	BRL	100	81.5-106	2	35
Cadmium	2.60		mg/l	0.0050	2.50	BRL	104	81.2-109	0.4	35
Arsenic	2.45		mg/l	0.0080	2.50	BRL	98	85.4-98.8	0.4	35
Barium	2.62		mg/l	0.0300	2.50	0.0084	104	88.9-114	0.8	35
Post Spike (7051729-PS1)	**Source: SA62429-01**									
Prepared & Analyzed: 23-May-07										
Lead	2.50		mg/l	0.0150	2.50	0.0122	100	70.4-112		
Selenium	2.55		mg/l	0.0300	2.50	BRL	102	73.6-105		
Chromium	2.52		mg/l	0.0500	2.50	BRL	101	78.8-109		
Arsenic	2.46		mg/l	0.0080	2.50	BRL	98	77.1-104		
Cadmium	2.60		mg/l	0.0050	2.50	BRL	104	78.2-111		
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.5-96.5		
Barium	2.57		mg/l	0.0300	2.50	0.0084	102	86.8-118		
Batch 7051730 - EPA200/SW7000 Series										
Blank (7051730-BLK1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7051730-BS1)										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00214		mg/l	0.00020	0.00250		86	66.6-117		
Duplicate (7051730-DUP1)	**Source: SA62318-10**									
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7051730-MS1)	**Source: SA62320-15**									
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00223		mg/l	0.00020	0.00250	BRL	89	76.1-111		

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 7051730 - EPA200/SW7000 Series										
Matrix Spike Dup (7051730-MSD1) **Source: SA62320-15**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00215		mg/l	0.00020	0.00250	BRL	86	76.1-111	4	35
Post Spike (7051730-PS1) **Source: SA62320-15**										
Prepared: 23-May-07 Analyzed: 24-May-07										
Mercury	0.00219		mg/l	0.00020	0.00250	BRL	88	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7051751 - General Preparation										
Duplicate (7051751-DUP1) **Source: SA62314-03**										
Prepared & Analyzed: 23-May-07										
% Solids	90.8		%			89.4			2	20
Batch 7051803 - General Preparation										
Duplicate (7051803-DUP1) **Source: SA62318-10**										
Prepared & Analyzed: 23-May-07										
% Solids	92.7		%			94.2			2	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR5	RPD out of acceptance range.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
S04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
SDUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
V11	Analyte presence was confirmed by duplicate analysis.
vex1	Lab extracted
VOC6	The production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction technique.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

5962320

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

Report To: C. Knight
LES
354 S River Rd.
Tolland CT 06084
Project Mgr.: David Stock - MET

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 201-88
Site Name: NHRY - Component Change Out Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	Base Neutrals / Acid Extractables 8270	CT ETPH	Pesticides 8081	PCBs 8082	Total RCRA 8 metals	SPLP RCRA 8 metals	Toxic RCRA 8 metals	QA Reporting Notes: (check if needed)
5962320-01	CCOB-4	5/16/07		C	X1			2			X	X	X	X	X	X	X		
02	CCOB-5																		
03	CCOB-6																		
04	CCOB-7																		
05	CCOB-8				↓														
06	CCOC-3				X3														
07	CCOC-4				X3														
08	CCOC-5				X3														
09	CCOC-6				X3														
10	CCOT-2			↓	X2			↓			↓	↓	↓	↓	↓	↓		X	

QA Reporting Notes:
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

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

State specific reporting standards: _____

☐ Fax results when available to (____) _____
☒ E-mail to ckelogicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ 2.2°C

Relinquished by:	Received by:	Date:	Time:
		5-17-07	1041
		5.17-07	12:55

62320

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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

Report To: C. Knight
LES
354 S. River Rd.
Tolland, CT 06084
Project Mgr.: David Stock - MGI

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 301-88
Site Name: NHRY - Component Change Out Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Containers: Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs-8260	8270 Base Neutral Acid Extractable	CTETPH	Pesticides 8081	PCBs 8082	Total RCRA 8 Metals	SPLP RCRA 8 Metals	TCLP RCRA 8 Metals
62320-11	CCOB-1	5/15/07		C	X1			1			X	X	X	X	X	X	X	
-12	CCOB-2	↓		↓	↓			↓			↓	↓	↓	↓	↓	↓	↓	
-13	CCOB-3	↓		↓	↓			↓			↓	↓	↓	↓	↓	↓	↓	
-14	CCOC-1	↓		↓	X3			↓			↓	↓	↓	↓	↓	↓	↓	
-15	CCOC-2	↓		↓	X3			↓			↓	↓	↓	↓	↓	↓	↓	
-16	CCOT-1	↓		↓	X2			↓			↓	↓	↓	↓	↓	↓		X
-17	TB-1	5/16/07			GW		1				X							

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

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

State specific reporting standards: CTDEP ~~GB~~ PMC + RDPC

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ C 2.2

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5-17-07	1042
[signature]	[signature]	5-17-07	1255

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

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	29-May-07	30-May-07	7052066	DS
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*114*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0109	1	SW846 8081A	29-May-07	30-May-07	7052064	TG
319-84-6	a-BHC	BRL		µg/l	0.0109	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA62687-11	301-88	Blank Water	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0109	1	SW846 8081A	29-May-07	30-May-07	7052064	TG
319-86-8	d-BHC	BRL		µg/l	0.0109	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0109	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0543	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0109	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0109	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0109	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0109	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0109	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0109	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0109	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0109	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0109	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0109	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0109	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0543	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0109	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0109	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0109	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*52*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0217	1	SW846 8082	26-May-07	29-May-07	7052036	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0217	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0217	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0217	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0217	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0217	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0217	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0217	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0217	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*50*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.32	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
208-96-8	Acenaphthylene	BRL		µg/l	5.32	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	5.32	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	5.32	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	5.32	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.32	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.32	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.32	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.32	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.32	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.32	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.32	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.32	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.32	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.32	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.32	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.32	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.32	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	5.32	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.32	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.32	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.32	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	5.32	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.32	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.32	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.32	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	5.32	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.32	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.32	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.32	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.32	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.32	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.32	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.32	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.32	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.32	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.32	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.32	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	5.32	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.32	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.32	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.32	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.32	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.32	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.32	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.32	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.32	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	5.32	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.32	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.32	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.32	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	21.3	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.32	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA62687-11	301-88	Blank Water	23-May-07 00:00	24-May-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	5.32	1	SW846 8270C	29-May-07	01-Jun-07	7052063	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	21.3	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.32	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.32	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.32	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	21.3	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.32	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	5.32	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	5.32	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	5.32	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.32	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.32	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.32	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.32	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*71*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*70*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*41*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	31-May-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*80*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*95*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0125	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-11				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	30-May-07	31-May-07	7052217	RM
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	30-May-07	31-May-07	7052218	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	301-88	Blank Water	23-May-07 00:00	24-May-07
SA62687-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	01-Jun-07	04-Jun-07	7060079	EQ
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052252 - SW846 5035A Soil (low level)										
Blank (7052252-BLK1)										
Prepared & Analyzed: 30-May-07										
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						
Styrene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052252 - SW846 5035A Soil (low level)										
Blank (7052252-BLK1)										
Prepared & Analyzed: 30-May-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*43.5*		µg/kg wet		*50.0*		*87*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.9*		µg/kg wet		*50.0*		*118*	*70-130*		
Surrogate: Dibromofluoromethane	*44.3*		µg/kg wet		*50.0*		*89*	*70-130*		
LCS (7052252-BS1)										
Prepared & Analyzed: 30-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	26.4	QC1	µg/kg wet		20.0		132	70-130		
Acetone	10.0		µg/kg wet		20.0		50	1.77-175		
Acrylonitrile	24.5		µg/kg wet		20.0		122	70-130		
Benzene	16.5		µg/kg wet		20.0		82	70-130		
Bromobenzene	20.6		µg/kg wet		20.0		103	70-130		
Bromochloromethane	21.2		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	19.5		µg/kg wet		20.0		98	70-130		
Bromomethane	16.7		µg/kg wet		20.0		84	55.3-136		
2-Butanone (MEK)	11.4		µg/kg wet		20.0		57	38.8-142		
n-Butylbenzene	27.4	QC1	µg/kg wet		20.0		137	70-130		
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130		
tert-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Carbon disulfide	21.0		µg/kg wet		20.0		105	70-130		
Carbon tetrachloride	20.5		µg/kg wet		20.0		102	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	24.4		µg/kg wet		20.0		122	55.3-130		
Chloroform	18.9		µg/kg wet		20.0		94	70-130		
Chloromethane	30.4	QC2	µg/kg wet		20.0		152	70-130		
2-Chlorotoluene	16.6		µg/kg wet		20.0		83	70-130		
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	25.6		µg/kg wet		20.0		128	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052252 - SW846 5035A Soil (low level)										
LCS (7052252-BS1)										
Prepared & Analyzed: 30-May-07										
Dibromochloromethane	22.8		µg/kg wet		20.0		114	64.7-139		
1,2-Dibromoethane (EDB)	21.6		µg/kg wet		20.0		108	70-130		
Dibromomethane	22.8		µg/kg wet		20.0		114	70-130		
1,2-Dichlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	36.1	QC2	µg/kg wet		20.0		180	34.4-167		
1,1-Dichloroethane	17.3		µg/kg wet		20.0		86	70-130		
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130		
1,3-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
trans-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	25.8		µg/kg wet		20.0		129	60.7-140		
2-Hexanone (MBK)	19.7		µg/kg wet		20.0		98	70-130		
Isopropylbenzene	18.3		µg/kg wet		20.0		92	70-130		
4-Isopropyltoluene	23.3		µg/kg wet		20.0		116	70-130		
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	23.4		µg/kg wet		20.0		117	46.1-145		
Methylene chloride	22.9		µg/kg wet		20.0		114	70-130		
Naphthalene	29.3	QC2	µg/kg wet		20.0		146	70-130		
n-Propylbenzene	16.9		µg/kg wet		20.0		84	70-130		
Styrene	18.8		µg/kg wet		20.0		94	70-130		
1,1,1,2-Tetrachloroethane	22.6		µg/kg wet		20.0		113	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	24.7		µg/kg wet		20.0		124	70-130		
Toluene	19.0		µg/kg wet		20.0		95	70-130		
1,2,3-Trichlorobenzene	29.4	QC1	µg/kg wet		20.0		147	70-130		
1,2,4-Trichlorobenzene	28.8	QC1	µg/kg wet		20.0		144	70-130		
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130		
Trichloroethene	18.3		µg/kg wet		20.0		92	70-130		
Trichlorofluoromethane (Freon 11)	15.7		µg/kg wet		20.0		78	56.8-140		
1,2,3-Trichloropropane	22.5		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3,5-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130		
Vinyl chloride	27.1	QC2	µg/kg wet		20.0		136	70-130		
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130		
o-Xylene	20.3		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	21.9		µg/kg wet		20.0		110	70-130		
Ethyl ether	20.3		µg/kg wet		20.0		102	65.3-130		
Tert-amyl methyl ether	20.8		µg/kg wet		20.0		104	70-130		
Ethyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	18.3		µg/kg wet		20.0		92	70-130		
Tert-Butanol / butyl alcohol	229		µg/kg wet		200		114	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052252 - SW846 5035A Soil (low level)										
LCS (7052252-BS1)										
Prepared & Analyzed: 30-May-07										
1,4-Dioxane	208		µg/kg wet		200		104	34-155		
Surrogate: 4-Bromofluorobenzene	*47.2*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*43.9*		µg/kg wet		*50.0*		*88*	*70-130*		
LCS Dup (7052252-BSD1)										
Prepared & Analyzed: 30-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130	10	25
Acetone	7.8		µg/kg wet		20.0		39	1.77-175	25	50
Acrylonitrile	21.6		µg/kg wet		20.0		108	70-130	12	25
Benzene	16.6		µg/kg wet		20.0		83	70-130	1	25
Bromobenzene	20.8		µg/kg wet		20.0		104	70-130	1	25
Bromochloromethane	19.8		µg/kg wet		20.0		99	70-130	7	25
Bromodichloromethane	21.3		µg/kg wet		20.0		106	70-130	3	25
Bromoform	18.7		µg/kg wet		20.0		94	70-130	4	25
Bromomethane	15.9		µg/kg wet		20.0		80	55.3-136	5	50
2-Butanone (MEK)	9.8		µg/kg wet		20.0		49	38.8-142	15	50
n-Butylbenzene	23.2		µg/kg wet		20.0		116	70-130	17	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	3	25
tert-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
Carbon disulfide	20.9		µg/kg wet		20.0		104	70-130	1	25
Carbon tetrachloride	20.7		µg/kg wet		20.0		104	70-130	2	25
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130	2	25
Chloroethane	23.5		µg/kg wet		20.0		118	55.3-130	3	50
Chloroform	19.4		µg/kg wet		20.0		97	70-130	3	25
Chloromethane	29.4	QC2	µg/kg wet		20.0		147	70-130	3	25
2-Chlorotoluene	16.3		µg/kg wet		20.0		82	70-130	1	25
4-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130	3	25
1,2-Dibromo-3-chloropropane	21.0		µg/kg wet		20.0		105	70-130	20	25
Dibromochloromethane	22.3		µg/kg wet		20.0		112	64.7-139	2	50
1,2-Dibromoethane (EDB)	21.2		µg/kg wet		20.0		106	70-130	2	25
Dibromomethane	19.8		µg/kg wet		20.0		99	70-130	14	25
1,2-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	7	25
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	5	25
1,4-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	6	25
Dichlorodifluoromethane (Freon12)	34.1	QC2	µg/kg wet		20.0		170	34.4-167	6	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	6	25
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	1	25
1,1-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130	1	25
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	2	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130	5	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	6	25
1,3-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	8	25
2,2-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130	0	25
1,1-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130	10	25
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130	4	25
trans-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	5	25
Ethylbenzene	20.5		µg/kg wet		20.0		102	70-130	3	25
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	60.7-140	22	50
2-Hexanone (MBK)	18.4		µg/kg wet		20.0		92	70-130	6	25
Isopropylbenzene	18.9		µg/kg wet		20.0		94	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052252 - SW846 5035A Soil (low level)										
LCS Dup (7052252-BSD1)										
Prepared & Analyzed: 30-May-07										
4-Isopropyltoluene	21.7		µg/kg wet		20.0		108	70-130	7	25
Methyl tert-butyl ether	19.2		µg/kg wet		20.0		96	70-130	6	25
4-Methyl-2-pentanone (MIBK)	21.8		µg/kg wet		20.0		109	46.1-145	7	50
Methylene chloride	22.4		µg/kg wet		20.0		112	70-130	2	25
Naphthalene	27.2	QC2	µg/kg wet		20.0		136	70-130	7	25
n-Propylbenzene	17.3		µg/kg wet		20.0		86	70-130	2	25
Styrene	19.0		µg/kg wet		20.0		95	70-130	1	25
1,1,1,2-Tetrachloroethane	22.3		µg/kg wet		20.0		112	70-130	0.9	25
1,1,2,2-Tetrachloroethane	19.9		µg/kg wet		20.0		100	70-130	4	25
Tetrachloroethene	22.0		µg/kg wet		20.0		110	70-130	12	25
Toluene	19.1		µg/kg wet		20.0		96	70-130	1	25
1,2,3-Trichlorobenzene	25.7		µg/kg wet		20.0		128	70-130	14	25
1,2,4-Trichlorobenzene	25.6		µg/kg wet		20.0		128	70-130	12	25
1,1,1-Trichloroethane	20.4		µg/kg wet		20.0		102	70-130	4	25
1,1,2-Trichloroethane	20.1		µg/kg wet		20.0		100	70-130	9	25
Trichloroethene	18.2		µg/kg wet		20.0		91	70-130	1	25
Trichlorofluoromethane (Freon 11)	13.3		µg/kg wet		20.0		66	56.8-140	17	50
1,2,3-Trichloropropane	21.1		µg/kg wet		20.0		106	70-130	6	25
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
Vinyl chloride	26.1		µg/kg wet		20.0		130	70-130	5	25
m,p-Xylene	40.5		µg/kg wet		40.0		101	70-130	1	25
o-Xylene	20.9		µg/kg wet		20.0		104	70-130	2	25
Tetrahydrofuran	21.5		µg/kg wet		20.0		108	70-130	2	25
Ethyl ether	20.4		µg/kg wet		20.0		102	65.3-130	0	50
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130	8	25
Ethyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130	2	25
Di-isopropyl ether	18.8		µg/kg wet		20.0		94	70-130	2	25
Tert-Butanol / butyl alcohol	211		µg/kg wet		200		106	70-130	7	25
1,4-Dioxane	217		µg/kg wet		200		108	34-155	4	25
Surrogate: 4-Bromofluorobenzene	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.0*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*43.8*		µg/kg wet		*50.0*		*88*	*70-130*		
Batch 7052379 - SW846 5030 Soil (high level)										
Blank (7052379-BLK1)										
Prepared & Analyzed: 31-May-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052379 - SW846 5030 Soil (high level)										
Blank (7052379-BLK1)										
Prepared & Analyzed: 31-May-07										
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052379 - SW846 5030 Soil (high level)										
Blank (7052379-BLK1)										
Prepared & Analyzed: 31-May-07										
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
LCS (7052379-BS1)										
Prepared & Analyzed: 31-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.3		µg/kg wet		20.0		116	70-130		
Acetone	20.1		µg/kg wet		20.0		100	1.77-175		
Acrylonitrile	20.6		µg/kg wet		20.0		103	70-130		
Benzene	19.9		µg/kg wet		20.0		100	70-130		
Bromobenzene	20.9		µg/kg wet		20.0		104	70-130		
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130		
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130		
Bromoform	22.0		µg/kg wet		20.0		110	70-130		
Bromomethane	18.6		µg/kg wet		20.0		93	55.3-136		
2-Butanone (MEK)	16.5		µg/kg wet		20.0		82	38.8-142		
n-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130		
sec-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Carbon disulfide	20.5		µg/kg wet		20.0		102	70-130		
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130		
Chlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
Chloroethane	19.9		µg/kg wet		20.0		100	55.3-130		
Chloroform	19.8		µg/kg wet		20.0		99	70-130		
Chloromethane	20.6		µg/kg wet		20.0		103	70-130		
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
4-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dibromo-3-chloropropane	18.9		µg/kg wet		20.0		94	70-130		
Dibromochloromethane	20.2		µg/kg wet		20.0		101	64.7-139		
1,2-Dibromoethane (EDB)	20.6		µg/kg wet		20.0		103	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	26.0		µg/kg wet		20.0		130	34.4-167		
1,1-Dichloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130		
cis-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130		
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052379 - SW846 5030 Soil (high level)										
LCS (7052379-BS1)										
Prepared & Analyzed: 31-May-07										
2,2-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130		
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.2		µg/kg wet		20.0		91	60.7-140		
2-Hexanone (MBK)	17.0		µg/kg wet		20.0		85	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	19.6		µg/kg wet		20.0		98	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	46.1-145		
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130		
Naphthalene	18.4		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	19.7		µg/kg wet		20.0		98	70-130		
Styrene	21.7		µg/kg wet		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	19.8		µg/kg wet		20.0		99	70-130		
Toluene	21.8		µg/kg wet		20.0		109	70-130		
1,2,3-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130		
1,2,4-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,1,1-Trichloroethane	19.4		µg/kg wet		20.0		97	70-130		
1,1,2-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
Trichloroethene	19.8		µg/kg wet		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	21.9		µg/kg wet		20.0		110	56.8-140		
1,2,3-Trichloropropane	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Vinyl chloride	19.4		µg/kg wet		20.0		97	70-130		
m,p-Xylene	42.5		µg/kg wet		40.0		106	70-130		
o-Xylene	21.5		µg/kg wet		20.0		108	70-130		
Tetrahydrofuran	17.9		µg/kg wet		20.0		90	70-130		
Ethyl ether	21.2		µg/kg wet		20.0		106	65.3-130		
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130		
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
Di-isopropyl ether	18.0		µg/kg wet		20.0		90	70-130		
Tert-Butanol / butyl alcohol	181		µg/kg wet		200		90	70-130		
1,4-Dioxane	200		µg/kg wet		200		100	34-155		
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.4*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS Dup (7052379-BSD1)										
Prepared & Analyzed: 31-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.6		µg/kg wet		20.0		103	70-130	12	25
Acetone	20.0		µg/kg wet		20.0		100	1.77-175	0	50
Acrylonitrile	19.3		µg/kg wet		20.0		96	70-130	7	25
Benzene	17.5		µg/kg wet		20.0		88	70-130	13	25
Bromobenzene	19.1		µg/kg wet		20.0		96	70-130	8	25
Bromochloromethane	17.8		µg/kg wet		20.0		89	70-130	12	25
Bromodichloromethane	18.5		µg/kg wet		20.0		92	70-130	10	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052379 - SW846 5030 Soil (high level)										
LCS Dup (7052379-BSD1)										
Prepared & Analyzed: 31-May-07										
Bromoform	21.1		µg/kg wet		20.0		106	70-130	4	25
Bromomethane	16.3		µg/kg wet		20.0		82	55.3-136	13	50
2-Butanone (MEK)	15.2		µg/kg wet		20.0		76	38.8-142	8	50
n-Butylbenzene	16.1		µg/kg wet		20.0		80	70-130	14	25
sec-Butylbenzene	18.5		µg/kg wet		20.0		92	70-130	12	25
tert-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	11	25
Carbon disulfide	17.8		µg/kg wet		20.0		89	70-130	14	25
Carbon tetrachloride	18.0		µg/kg wet		20.0		90	70-130	12	25
Chlorobenzene	18.9		µg/kg wet		20.0		94	70-130	10	25
Chloroethane	17.3		µg/kg wet		20.0		86	55.3-130	15	50
Chloroform	17.6		µg/kg wet		20.0		88	70-130	12	25
Chloromethane	18.0		µg/kg wet		20.0		90	70-130	13	25
2-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	8	25
4-Chlorotoluene	18.8		µg/kg wet		20.0		94	70-130	7	25
1,2-Dibromo-3-chloropropane	17.9		µg/kg wet		20.0		90	70-130	4	25
Dibromochloromethane	18.3		µg/kg wet		20.0		92	64.7-139	9	50
1,2-Dibromoethane (EDB)	18.7		µg/kg wet		20.0		94	70-130	9	25
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130	10	25
1,2-Dichlorobenzene	19.1		µg/kg wet		20.0		96	70-130	6	25
1,3-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	8	25
1,4-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	8	25
Dichlorodifluoromethane (Freon12)	22.9		µg/kg wet		20.0		114	34.4-167	13	50
1,1-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130	11	25
1,2-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	8	25
1,1-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130	15	25
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130	10	25
trans-1,2-Dichloroethene	17.1		µg/kg wet		20.0		86	70-130	12	25
1,2-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	11	25
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130	7	25
2,2-Dichloropropane	15.5		µg/kg wet		20.0		78	70-130	12	25
1,1-Dichloropropene	17.2		µg/kg wet		20.0		86	70-130	13	25
cis-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	10	25
trans-1,3-Dichloropropene	17.1		µg/kg wet		20.0		86	70-130	9	25
Ethylbenzene	18.5		µg/kg wet		20.0		92	70-130	10	25
Hexachlorobutadiene	15.9		µg/kg wet		20.0		80	60.7-140	13	50
2-Hexanone (MBK)	15.8		µg/kg wet		20.0		79	70-130	7	25
Isopropylbenzene	18.1		µg/kg wet		20.0		90	70-130	11	25
4-Isopropyltoluene	17.5		µg/kg wet		20.0		88	70-130	11	25
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	6	25
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		84	46.1-145	8	50
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130	11	25
Naphthalene	17.0		µg/kg wet		20.0		85	70-130	8	25
n-Propylbenzene	17.7		µg/kg wet		20.0		88	70-130	11	25
Styrene	19.9		µg/kg wet		20.0		100	70-130	8	25
1,1,1,2-Tetrachloroethane	18.8		µg/kg wet		20.0		94	70-130	9	25
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	5	25
Tetrachloroethene	17.7		µg/kg wet		20.0		88	70-130	12	25
Toluene	17.1		µg/kg wet		20.0		86	70-130	24	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	7	25
1,2,4-Trichlorobenzene	15.8		µg/kg wet		20.0		79	70-130	11	25
1,1,1-Trichloroethane	17.3		µg/kg wet		20.0		86	70-130	12	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052379 - SW846 5030 Soil (high level)										
LCS Dup (7052379-BSD1)										
Prepared & Analyzed: 31-May-07										
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		96	70-130	8	25
Trichloroethene	17.5		µg/kg wet		20.0		88	70-130	12	25
Trichlorofluoromethane (Freon 11)	19.3		µg/kg wet		20.0		96	56.8-140	14	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	5	25
1,2,4-Trimethylbenzene	18.3		µg/kg wet		20.0		92	70-130	8	25
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		94	70-130	8	25
Vinyl chloride	16.3		µg/kg wet		20.0		82	70-130	17	25
m,p-Xylene	38.2		µg/kg wet		40.0		96	70-130	10	25
o-Xylene	19.5		µg/kg wet		20.0		98	70-130	10	25
Tetrahydrofuran	16.1		µg/kg wet		20.0		80	70-130	12	25
Ethyl ether	19.6		µg/kg wet		20.0		98	65.3-130	8	50
Tert-amyl methyl ether	17.6		µg/kg wet		20.0		88	70-130	9	25
Ethyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	8	25
Di-isopropyl ether	16.6		µg/kg wet		20.0		83	70-130	8	25
Tert-Butanol / butyl alcohol	150		µg/kg wet		200		75	70-130	18	25
1,4-Dioxane	188		µg/kg wet		200		94	34-155	6	25
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Matrix Spike (7052379-MS1) **Source: SA62687-03**										
Prepared & Analyzed: 31-May-07										
Benzene	19.2		µg/kg dry		20.0	0.620	93	70-130		
Chlorobenzene	22.3		µg/kg dry		20.0	BRL	112	70-130		
1,1-Dichloroethene	18.3		µg/kg dry		20.0	BRL	92	70-130		
Toluene	20.9		µg/kg dry		20.0	2.32	93	70-130		
Trichloroethene	18.8		µg/kg dry		20.0	BRL	94	70-130		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg dry		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/kg dry		*30.0*		*100*	*70-130*		
Matrix Spike Dup (7052379-MSD1) **Source: SA62687-03**										
Prepared & Analyzed: 31-May-07										
Benzene	19.1		µg/kg dry		20.0	0.620	92	70-130	1	30
Chlorobenzene	22.0		µg/kg dry		20.0	BRL	110	70-130	2	30
1,1-Dichloroethene	17.4		µg/kg dry		20.0	BRL	87	70-130	6	30
Toluene	20.4		µg/kg dry		20.0	2.32	90	70-130	3	30
Trichloroethene	18.7		µg/kg dry		20.0	BRL	94	70-130	0	30
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/kg dry		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*30.1*		µg/kg dry		*30.0*		*100*	*70-130*		
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Blank (7060079-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*47.4*		µg/l		*50.0*		*95*	*70-130*		
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.0	QC2	µg/l		20.0		65	70-130		
Acetone	9.2		µg/l		20.0		46	41.1-147		
Acrylonitrile	15.0		µg/l		20.0		75	70-130		
Benzene	20.3		µg/l		20.0		102	70-130		
Bromobenzene	19.6		µg/l		20.0		98	70-130		
Bromochloromethane	19.9		µg/l		20.0		100	70-130		
Bromodichloromethane	23.9		µg/l		20.0		120	70-130		
Bromoform	24.4		µg/l		20.0		122	70-130		
Bromomethane	20.3		µg/l		20.0		102	62-136		
2-Butanone (MEK)	11.3		µg/l		20.0		56	53.9-133		
n-Butylbenzene	19.4		µg/l		20.0		97	70-130		
sec-Butylbenzene	19.6		µg/l		20.0		98	70-130		
tert-Butylbenzene	19.8		µg/l		20.0		99	70-130		
Carbon disulfide	16.3		µg/l		20.0		82	70-130		
Carbon tetrachloride	22.4		µg/l		20.0		112	70-130		
Chlorobenzene	19.7		µg/l		20.0		98	70-130		
Chloroethane	14.5		µg/l		20.0		72	62.8-132		
Chloroform	20.8		µg/l		20.0		104	70-130		
Chloromethane	14.1		µg/l		20.0		70	70-130		
2-Chlorotoluene	19.9		µg/l		20.0		100	70-130		
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130		
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130		
Dibromochloromethane	22.9		µg/l		20.0		114	70-143		
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130		
Dibromomethane	20.0		µg/l		20.0		100	70-130		
1,2-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	19.7		µg/l		20.0		98	70-130		
1,4-Dichlorobenzene	19.3		µg/l		20.0		96	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS (7060079-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Dichlorodifluoromethane (Freon12)	20.0		µg/l		20.0		100	39.3-167		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,1-Dichloroethene	16.9		µg/l		20.0		84	70-130		
cis-1,2-Dichloroethene	20.4		µg/l		20.0		102	70-130		
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95	70-130		
1,2-Dichloropropane	21.0		µg/l		20.0		105	70-130		
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130		
2,2-Dichloropropane	7.3	QC2	µg/l		20.0		36	70-130		
1,1-Dichloropropene	19.2		µg/l		20.0		96	70-130		
cis-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130		
trans-1,3-Dichloropropene	16.8		µg/l		20.0		84	70-130		
Ethylbenzene	20.0		µg/l		20.0		100	70-130		
Hexachlorobutadiene	17.2		µg/l		20.0		86	70-136		
2-Hexanone (MBK)	13.3		µg/l		20.0		66	56.3-131		
Isopropylbenzene	18.7		µg/l		20.0		94	70-130		
4-Isopropyltoluene	20.1		µg/l		20.0		100	70-130		
Methyl tert-butyl ether	18.4		µg/l		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	16.6		µg/l		20.0		83	70-130		
Methylene chloride	16.0		µg/l		20.0		80	70-130		
Naphthalene	17.4		µg/l		20.0		87	70-130		
n-Propylbenzene	19.3		µg/l		20.0		96	70-130		
Styrene	19.7		µg/l		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/l		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130		
Tetrachloroethene	19.0		µg/l		20.0		95	70-130		
Toluene	18.7		µg/l		20.0		94	70-130		
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130		
1,2,4-Trichlorobenzene	18.8		µg/l		20.0		94	70-130		
1,1,1-Trichloroethane	21.7		µg/l		20.0		108	70-130		
1,1,2-Trichloroethane	19.6		µg/l		20.0		98	70-130		
Trichloroethene	20.2		µg/l		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	17.8		µg/l		20.0		89	70-130		
1,2,3-Trichloropropane	19.8		µg/l		20.0		99	70-130		
1,2,4-Trimethylbenzene	19.9		µg/l		20.0		100	70-130		
1,3,5-Trimethylbenzene	20.0		µg/l		20.0		100	70-130		
Vinyl chloride	20.5		µg/l		20.0		102	70-130		
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	16.0		µg/l		20.0		80	70-130		
Ethyl ether	16.5		µg/l		20.0		82	70-130		
Tert-amyl methyl ether	19.0		µg/l		20.0		95	70-130		
Ethyl tert-butyl ether	20.6		µg/l		20.0		103	70-130		
Di-isopropyl ether	20.6		µg/l		20.0		103	70-130		
Tert-Butanol / butyl alcohol	119	QC2	µg/l		200		60	70-130		
1,4-Dioxane	158		µg/l		200		79	70-130		
Surrogate: 4-Bromofluorobenzene	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7060079-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	9.9	QC2	µg/l		20.0		50	70-130	26	25
Acetone	9.2		µg/l		20.0		46	41.1-147	0	50
Acrylonitrile	16.1		µg/l		20.0		80	70-130	6	25
Benzene	18.8		µg/l		20.0		94	70-130	8	25
Bromobenzene	18.7		µg/l		20.0		94	70-130	4	25
Bromochloromethane	20.7		µg/l		20.0		104	70-130	4	25
Bromodichloromethane	23.0		µg/l		20.0		115	70-130	4	25
Bromoform	25.1		µg/l		20.0		126	70-130	3	25
Bromomethane	17.6		µg/l		20.0		88	62-136	15	50
2-Butanone (MEK)	10.9		µg/l		20.0		54	53.9-133	4	50
n-Butylbenzene	16.4		µg/l		20.0		82	70-130	17	25
sec-Butylbenzene	16.3		µg/l		20.0		82	70-130	18	25
tert-Butylbenzene	16.9		µg/l		20.0		84	70-130	16	25
Carbon disulfide	11.8	QC1	µg/l		20.0		59	70-130	33	25
Carbon tetrachloride	18.6		µg/l		20.0		93	70-130	19	25
Chlorobenzene	18.4		µg/l		20.0		92	70-130	6	25
Chloroethane	13.2		µg/l		20.0		66	62.8-132	9	50
Chloroform	20.0		µg/l		20.0		100	70-130	4	25
Chloromethane	12.2	QC1	µg/l		20.0		61	70-130	14	25
2-Chlorotoluene	17.9		µg/l		20.0		90	70-130	11	25
4-Chlorotoluene	18.1		µg/l		20.0		90	70-130	9	25
1,2-Dibromo-3-chloropropane	18.5		µg/l		20.0		92	70-130	0	25
Dibromochloromethane	22.0		µg/l		20.0		110	70-143	4	50
1,2-Dibromoethane (EDB)	19.6		µg/l		20.0		98	70-130	0	25
Dibromomethane	20.4		µg/l		20.0		102	70-130	2	25
1,2-Dichlorobenzene	19.1		µg/l		20.0		96	70-130	4	25
1,3-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	6	25
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130	4	25
Dichlorodifluoromethane (Freon12)	14.7		µg/l		20.0		74	39.3-167	30	50
1,1-Dichloroethane	18.9		µg/l		20.0		94	70-130	10	25
1,2-Dichloroethane	19.9		µg/l		20.0		100	70-130	1	25
1,1-Dichloroethene	13.3	QC1	µg/l		20.0		66	70-130	24	25
cis-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130	5	25
trans-1,2-Dichloroethene	16.7		µg/l		20.0		84	70-130	12	25
1,2-Dichloropropane	20.4		µg/l		20.0		102	70-130	3	25
1,3-Dichloropropane	19.9		µg/l		20.0		100	70-130	3	25
2,2-Dichloropropane	6.2	QC2	µg/l		20.0		31	70-130	15	25
1,1-Dichloropropene	16.1		µg/l		20.0		80	70-130	18	25
cis-1,3-Dichloropropene	17.6		µg/l		20.0		88	70-130	2	25
trans-1,3-Dichloropropene	16.5		µg/l		20.0		82	70-130	2	25
Ethylbenzene	17.7		µg/l		20.0		88	70-130	13	25
Hexachlorobutadiene	14.0		µg/l		20.0		70	70-136	21	50
2-Hexanone (MBK)	13.9		µg/l		20.0		70	56.3-131	6	25
Isopropylbenzene	16.0		µg/l		20.0		80	70-130	16	25
4-Isopropyltoluene	17.0		µg/l		20.0		85	70-130	16	25
Methyl tert-butyl ether	18.7		µg/l		20.0		94	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.5		µg/l		20.0		88	70-130	6	50
Methylene chloride	15.0		µg/l		20.0		75	70-130	6	25
Naphthalene	17.9		µg/l		20.0		90	70-130	3	25
n-Propylbenzene	16.5		µg/l		20.0		82	70-130	16	25
Styrene	18.4		µg/l		20.0		92	70-130	6	25
1,1,1,2-Tetrachloroethane	19.6		µg/l		20.0		98	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060079 - SW846 5030 Water MS										
LCS Dup (7060079-BSD1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
1,1,2,2-Tetrachloroethane	18.0		µg/l		20.0		90	70-130	0	25
Tetrachloroethene	15.5		µg/l		20.0		78	70-130	20	25
Toluene	17.4		µg/l		20.0		87	70-130	8	25
1,2,3-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	0	25
1,2,4-Trichlorobenzene	18.2		µg/l		20.0		91	70-130	3	25
1,1,1-Trichloroethane	18.1		µg/l		20.0		90	70-130	18	25
1,1,2-Trichloroethane	20.0		µg/l		20.0		100	70-130	2	25
Trichloroethene	18.0		µg/l		20.0		90	70-130	12	25
Trichlorofluoromethane (Freon 11)	13.4	QC1	µg/l		20.0		67	70-130	28	50
1,2,3-Trichloropropane	20.6		µg/l		20.0		103	70-130	4	25
1,2,4-Trimethylbenzene	18.0		µg/l		20.0		90	70-130	11	25
1,3,5-Trimethylbenzene	17.5		µg/l		20.0		88	70-130	13	25
Vinyl chloride	16.5		µg/l		20.0		82	70-130	22	25
m,p-Xylene	35.1		µg/l		40.0		88	70-130	11	25
o-Xylene	18.6		µg/l		20.0		93	70-130	9	25
Tetrahydrofuran	17.1		µg/l		20.0		86	70-130	7	25
Ethyl ether	16.4		µg/l		20.0		82	70-130	0	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96	70-130	1	25
Ethyl tert-butyl ether	20.3		µg/l		20.0		102	70-130	1	25
Di-isopropyl ether	19.9		µg/l		20.0		100	70-130	3	25
Tert-Butanol / butyl alcohol	127	QC2	µg/l		200		64	70-130	6	25
1,4-Dioxane	166		µg/l		200		83	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7060079-MS1) **Source: SA62443-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.1		µg/l		20.0	BRL	80	70-130		
Chlorobenzene	17.5		µg/l		20.0	BRL	88	70-130		
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130		
Toluene	16.3		µg/l		20.0	BRL	82	70-130		
Trichloroethene	17.2		µg/l		20.0	BRL	86	70-130		
Surrogate: 4-Bromofluorobenzene	*46.1*		µg/l		*50.0*		*92*	*70-130*		
Surrogate: Toluene-d8	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike Dup (7060079-MSD1) **Source: SA62443-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Benzene	16.0		µg/l		20.0	BRL	80	70-130	0	30
Chlorobenzene	17.6		µg/l		20.0	BRL	88	70-130	0	30
1,1-Dichloroethene	13.4	QM7	µg/l		20.0	BRL	67	70-130	0	30
Toluene	16.4		µg/l		20.0	BRL	82	70-130	0	30
Trichloroethene	17.6		µg/l		20.0	BRL	88	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Batch 7060136 - SW846 5030 Soil (high level)										
Blank (7060136-BLK1)										
Prepared & Analyzed: 02-Jun-07										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
Blank (7060136-BLK1)										
Prepared & Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
Blank (7060136-BLK1)										
Prepared & Analyzed: 02-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
LCS (7060136-BS1)										
Prepared & Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.2		µg/kg wet		20.0		116	70-130		
Acetone	18.2		µg/kg wet		20.0		91	1.77-175		
Acrylonitrile	16.6		µg/kg wet		20.0		83	70-130		
Benzene	20.4		µg/kg wet		20.0		102	70-130		
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130		
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130		
Bromoform	22.2		µg/kg wet		20.0		111	70-130		
Bromomethane	18.2		µg/kg wet		20.0		91	55.3-136		
2-Butanone (MEK)	17.0		µg/kg wet		20.0		85	38.8-142		
n-Butylbenzene	19.4		µg/kg wet		20.0		97	70-130		
sec-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
tert-Butylbenzene	22.3		µg/kg wet		20.0		112	70-130		
Carbon disulfide	19.4		µg/kg wet		20.0		97	70-130		
Carbon tetrachloride	22.1		µg/kg wet		20.0		110	70-130		
Chlorobenzene	22.5		µg/kg wet		20.0		112	70-130		
Chloroethane	19.0		µg/kg wet		20.0		95	55.3-130		
Chloroform	20.1		µg/kg wet		20.0		100	70-130		
Chloromethane	20.2		µg/kg wet		20.0		101	70-130		
2-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
LCS (7060136-BS1)										
Prepared & Analyzed: 02-Jun-07										
Dibromochloromethane	20.2		µg/kg wet		20.0		101	64.7-139		
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130		
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	22.9		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	26.9		µg/kg wet		20.0		134	34.4-167		
1,1-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
2,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
Ethylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Hexachlorobutadiene	19.6		µg/kg wet		20.0		98	60.7-140		
2-Hexanone (MBK)	15.7		µg/kg wet		20.0		78	70-130		
Isopropylbenzene	21.6		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	21.0		µg/kg wet		20.0		105	70-130		
Methyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	16.5		µg/kg wet		20.0		82	46.1-145		
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Styrene	23.2		µg/kg wet		20.0		116	70-130		
1,1,1,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	21.4		µg/kg wet		20.0		107	70-130		
Toluene	20.2		µg/kg wet		20.0		101	70-130		
1,2,3-Trichlorobenzene	18.5		µg/kg wet		20.0		92	70-130		
1,2,4-Trichlorobenzene	18.1		µg/kg wet		20.0		90	70-130		
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	23.2		µg/kg wet		20.0		116	56.8-140		
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	22.1		µg/kg wet		20.0		110	70-130		
Vinyl chloride	20.7		µg/kg wet		20.0		104	70-130		
m,p-Xylene	45.9		µg/kg wet		40.0		115	70-130		
o-Xylene	22.9		µg/kg wet		20.0		114	70-130		
Tetrahydrofuran	16.1		µg/kg wet		20.0		80	70-130		
Ethyl ether	18.5		µg/kg wet		20.0		92	65.3-130		
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130		
Ethyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130		
Di-isopropyl ether	17.3		µg/kg wet		20.0		86	70-130		
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
LCS (7060136-BS1)										
Prepared & Analyzed: 02-Jun-07										
1,4-Dioxane	189		µg/kg wet		200		94	34-155		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
LCS Dup (7060136-BSD1)										
Prepared & Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.2		µg/kg wet		20.0		116	70-130	0	25
Acetone	19.6		µg/kg wet		20.0		98	1.77-175	7	50
Acrylonitrile	18.9		µg/kg wet		20.0		94	70-130	12	25
Benzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130	0	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	1	25
Bromodichloromethane	20.4		µg/kg wet		20.0		102	70-130	0	25
Bromoform	23.6		µg/kg wet		20.0		118	70-130	6	25
Bromomethane	18.0		µg/kg wet		20.0		90	55.3-136	1	50
2-Butanone (MEK)	17.9		µg/kg wet		20.0		90	38.8-142	6	50
n-Butylbenzene	19.1		µg/kg wet		20.0		96	70-130	1	25
sec-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130	0	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	2	25
Carbon disulfide	18.9		µg/kg wet		20.0		94	70-130	3	25
Carbon tetrachloride	22.0		µg/kg wet		20.0		110	70-130	0	25
Chlorobenzene	22.4		µg/kg wet		20.0		112	70-130	0	25
Chloroethane	18.2		µg/kg wet		20.0		91	55.3-130	4	50
Chloroform	20.0		µg/kg wet		20.0		100	70-130	0	25
Chloromethane	19.2		µg/kg wet		20.0		96	70-130	5	25
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	3	25
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130	0.9	25
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		96	70-130	6	25
Dibromochloromethane	20.5		µg/kg wet		20.0		102	64.7-139	1	50
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130	3	25
Dibromomethane	20.7		µg/kg wet		20.0		104	70-130	2	25
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130	2	25
1,3-Dichlorobenzene	23.0		µg/kg wet		20.0		115	70-130	0.9	25
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
Dichlorodifluoromethane (Freon12)	27.2		µg/kg wet		20.0		136	34.4-167	1	50
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130	2	25
1,2-Dichloroethane	19.0		µg/kg wet		20.0		95	70-130	1	25
1,1-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	1	25
cis-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130	0.9	25
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	0	25
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	1	25
1,3-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130	2	25
2,2-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	2	25
1,1-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	2	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	1	25
trans-1,3-Dichloropropene	19.1		µg/kg wet		20.0		96	70-130	2	25
Ethylbenzene	21.9		µg/kg wet		20.0		110	70-130	0	25
Hexachlorobutadiene	20.7		µg/kg wet		20.0		104	60.7-140	6	50
2-Hexanone (MBK)	17.4		µg/kg wet		20.0		87	70-130	11	25
Isopropylbenzene	21.6		µg/kg wet		20.0		108	70-130	0	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
LCS Dup (7060136-BSD1)										
Prepared & Analyzed: 02-Jun-07										
4-Isopropyltoluene	20.7		µg/kg wet		20.0		104	70-130	1	25
Methyl tert-butyl ether	19.3		µg/kg wet		20.0		96	70-130	4	25
4-Methyl-2-pentanone (MIBK)	18.0		µg/kg wet		20.0		90	46.1-145	9	50
Methylene chloride	17.5		µg/kg wet		20.0		88	70-130	1	25
Naphthalene	19.4		µg/kg wet		20.0		97	70-130	10	25
n-Propylbenzene	20.9		µg/kg wet		20.0		104	70-130	1	25
Styrene	23.1		µg/kg wet		20.0		116	70-130	0	25
1,1,1,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130	3	25
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130	6	25
Tetrachloroethene	20.9		µg/kg wet		20.0		104	70-130	3	25
Toluene	19.8		µg/kg wet		20.0		99	70-130	2	25
1,2,3-Trichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	10	25
1,2,4-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	3	25
1,1,1-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130	0	25
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130	1	25
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130	3	25
Trichlorofluoromethane (Freon 11)	22.4		µg/kg wet		20.0		112	56.8-140	4	50
1,2,3-Trichloropropane	24.2		µg/kg wet		20.0		121	70-130	6	25
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	0	25
1,3,5-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130	0	25
Vinyl chloride	20.1		µg/kg wet		20.0		100	70-130	4	25
m,p-Xylene	45.2		µg/kg wet		40.0		113	70-130	2	25
o-Xylene	23.0		µg/kg wet		20.0		115	70-130	0.9	25
Tetrahydrofuran	17.2		µg/kg wet		20.0		86	70-130	7	25
Ethyl ether	19.0		µg/kg wet		20.0		95	65.3-130	3	50
Tert-amyl methyl ether	19.3		µg/kg wet		20.0		96	70-130	0	25
Ethyl tert-butyl ether	19.3		µg/kg wet		20.0		96	70-130	2	25
Di-isopropyl ether	17.8		µg/kg wet		20.0		89	70-130	3	25
Tert-Butanol / butyl alcohol	191		µg/kg wet		200		96	70-130	3	25
1,4-Dioxane	194		µg/kg wet		200		97	34-155	3	25
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.3*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Matrix Spike (7060136-MS1) **Source: SA62683-31**										
Prepared & Analyzed: 02-Jun-07										
Benzene	30.8	QM7	µg/kg dry		20.0	BRL	154	70-130		
Chlorobenzene	35.1	QM7	µg/kg dry		20.0	BRL	176	70-130		
1,1-Dichloroethene	31.9	QM7	µg/kg dry		20.0	BRL	160	70-130		
Toluene	31.2	QM7	µg/kg dry		20.0	BRL	156	70-130		
Trichloroethene	32.4	QM7	µg/kg dry		20.0	BRL	162	70-130		
Surrogate: 4-Bromofluorobenzene	*34.4*		µg/kg dry		*30.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Matrix Spike Dup (7060136-MSD1) **Source: SA62683-31**										
Prepared & Analyzed: 02-Jun-07										
Benzene	21.5	QR5	µg/kg dry		20.0	BRL	108	70-130	35	30
Chlorobenzene	24.6	QR5	µg/kg dry		20.0	BRL	123	70-130	35	30
1,1-Dichloroethene	21.1	QR5	µg/kg dry		20.0	BRL	106	70-130	41	30
Toluene	23.0		µg/kg dry		20.0	BRL	115	70-130	30	30

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060136 - SW846 5030 Soil (high level)										
Matrix Spike Dup (7060136-MSD1) **Source: SA62683-31**										
Prepared & Analyzed: 02-Jun-07										
Trichloroethene	22.4	QR5	µg/kg dry		20.0	BRL	112	70-130	36	30
Surrogate: 4-Bromofluorobenzene	*38.5*		µg/kg dry		*30.0*		*128*	*70-130*		
Surrogate: Toluene-d8	*31.3*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.6*		µg/kg dry		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*31.9*		µg/kg dry		*30.0*		*106*	*70-130*		
Batch 7060311 - SW846 5030 Soil (high level)										
Blank (7060311-BLK1)										
Prepared & Analyzed: 05-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060311 - SW846 5030 Soil (high level)										
Blank (7060311-BLK1)										
Prepared & Analyzed: 05-Jun-07										
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS (7060311-BS1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.7		µg/kg wet		20.0		114	70-130		
Acetone	15.8		µg/kg wet		20.0		79	1.77-175		
Acrylonitrile	16.3		µg/kg wet		20.0		82	70-130		
Benzene	19.5		µg/kg wet		20.0		98	70-130		
Bromobenzene	21.3		µg/kg wet		20.0		106	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	22.3		µg/kg wet		20.0		112	70-130		
Bromomethane	18.6		µg/kg wet		20.0		93	55.3-136		
2-Butanone (MEK)	16.1		µg/kg wet		20.0		80	38.8-142		
n-Butylbenzene	16.5		µg/kg wet		20.0		82	70-130		
sec-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	18.5		µg/kg wet		20.0		92	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060311 - SW846 5030 Soil (high level)										
LCS (7060311-BS1)										
Prepared & Analyzed: 05-Jun-07										
Carbon tetrachloride	22.7		µg/kg wet		20.0		114	70-130		
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Chloroethane	17.7		µg/kg wet		20.0		88	55.3-130		
Chloroform	20.0		µg/kg wet		20.0		100	70-130		
Chloromethane	18.3		µg/kg wet		20.0		92	70-130		
2-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	16.5		µg/kg wet		20.0		82	70-130		
Dibromochloromethane	21.0		µg/kg wet		20.0		105	64.7-139		
1,2-Dibromoethane (EDB)	20.1		µg/kg wet		20.0		100	70-130		
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichlorobenzene	18.9		µg/kg wet		20.0		94	70-130		
1,3-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	18.4		µg/kg wet		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	28.0		µg/kg wet		20.0		140	34.4-167		
1,1-Dichloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130		
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130		
cis-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	18.6		µg/kg wet		20.0		93	70-130		
1,3-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130		
2,2-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130		
1,1-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
cis-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	18.2		µg/kg wet		20.0		91	60.7-140		
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76	70-130		
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	18.4		µg/kg wet		20.0		92	70-130		
Methyl tert-butyl ether	19.0		µg/kg wet		20.0		95	70-130		
4-Methyl-2-pentanone (MIBK)	16.8		µg/kg wet		20.0		84	46.1-145		
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130		
Naphthalene	18.0		µg/kg wet		20.0		90	70-130		
n-Propylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95	70-130		
Tetrachloroethene	21.2		µg/kg wet		20.0		106	70-130		
Toluene	19.3		µg/kg wet		20.0		96	70-130		
1,2,3-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,2,4-Trichlorobenzene	17.6		µg/kg wet		20.0		88	70-130		
1,1,1-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130		
1,1,2-Trichloroethane	19.6		µg/kg wet		20.0		98	70-130		
Trichloroethene	20.4		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	22.8		µg/kg wet		20.0		114	56.8-140		
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130		
1,2,4-Trimethylbenzene	20.2		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	20.7		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060311 - SW846 5030 Soil (high level)										
LCS (7060311-BS1)										
Prepared & Analyzed: 05-Jun-07										
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130		
o-Xylene	21.0		µg/kg wet		20.0		105	70-130		
Tetrahydrofuran	16.0		µg/kg wet		20.0		80	70-130		
Ethyl ether	18.3		µg/kg wet		20.0		92	65.3-130		
Tert-amyl methyl ether	17.9		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130		
Di-isopropyl ether	17.2		µg/kg wet		20.0		86	70-130		
Tert-Butanol / butyl alcohol	177		µg/kg wet		200		88	70-130		
1,4-Dioxane	186		µg/kg wet		200		93	34-155		
Surrogate: 4-Bromofluorobenzene	*32.7*		µg/kg wet		*30.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
LCS Dup (7060311-BSD1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.2		µg/kg wet		20.0		111	70-130	3	25
Acetone	16.2		µg/kg wet		20.0		81	1.77-175	2	50
Acrylonitrile	16.5		µg/kg wet		20.0		82	70-130	0	25
Benzene	19.3		µg/kg wet		20.0		96	70-130	2	25
Bromobenzene	21.7		µg/kg wet		20.0		108	70-130	2	25
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130	0	25
Bromodichloromethane	20.7		µg/kg wet		20.0		104	70-130	1	25
Bromoform	22.5		µg/kg wet		20.0		112	70-130	0	25
Bromomethane	17.4		µg/kg wet		20.0		87	55.3-136	7	50
2-Butanone (MEK)	15.5		µg/kg wet		20.0		78	38.8-142	3	50
n-Butylbenzene	16.9		µg/kg wet		20.0		84	70-130	2	25
sec-Butylbenzene	20.4		µg/kg wet		20.0		102	70-130	0	25
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	0.9	25
Carbon disulfide	17.6		µg/kg wet		20.0		88	70-130	4	25
Carbon tetrachloride	22.2		µg/kg wet		20.0		111	70-130	3	25
Chlorobenzene	20.7		µg/kg wet		20.0		104	70-130	1	25
Chloroethane	17.1		µg/kg wet		20.0		86	55.3-130	2	50
Chloroform	20.1		µg/kg wet		20.0		100	70-130	0	25
Chloromethane	17.7		µg/kg wet		20.0		88	70-130	4	25
2-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130	2	25
4-Chlorotoluene	20.5		µg/kg wet		20.0		102	70-130	0	25
1,2-Dibromo-3-chloropropane	16.9		µg/kg wet		20.0		84	70-130	2	25
Dibromochloromethane	21.6		µg/kg wet		20.0		108	64.7-139	3	50
1,2-Dibromoethane (EDB)	20.6		µg/kg wet		20.0		103	70-130	3	25
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130	0	25
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
1,3-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	2	25
1,4-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	2	25
Dichlorodifluoromethane (Freon12)	27.9		µg/kg wet		20.0		140	34.4-167	0	50
1,1-Dichloroethane	19.5		µg/kg wet		20.0		98	70-130	0	25
1,2-Dichloroethane	19.3		µg/kg wet		20.0		96	70-130	0	25
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	5	25
cis-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	2	25
trans-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130	3	25
1,2-Dichloropropane	18.8		µg/kg wet		20.0		94	70-130	1	25
1,3-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130	4	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060311 - SW846 5030 Soil (high level)										
LCS Dup (7060311-BSD1)										
Prepared & Analyzed: 05-Jun-07										
2,2-Dichloropropane	20.7		µg/kg wet		20.0		104	70-130	2	25
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	2	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	1	25
trans-1,3-Dichloropropene	19.1		µg/kg wet		20.0		96	70-130	1	25
Ethylbenzene	20.2		µg/kg wet		20.0		101	70-130	1	25
Hexachlorobutadiene	19.0		µg/kg wet		20.0		95	60.7-140	4	50
2-Hexanone (MBK)	16.5		µg/kg wet		20.0		82	70-130	8	25
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130	0	25
4-Isopropyltoluene	18.6		µg/kg wet		20.0		93	70-130	1	25
Methyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130	4	25
4-Methyl-2-pentanone (MIBK)	17.7		µg/kg wet		20.0		88	46.1-145	5	50
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130	0	25
Naphthalene	19.2		µg/kg wet		20.0		96	70-130	6	25
n-Propylbenzene	19.1		µg/kg wet		20.0		96	70-130	0	25
Styrene	21.8		µg/kg wet		20.0		109	70-130	2	25
1,1,1,2-Tetrachloroethane	21.2		µg/kg wet		20.0		106	70-130	2	25
1,1,2,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130	5	25
Tetrachloroethene	21.0		µg/kg wet		20.0		105	70-130	0.9	25
Toluene	19.5		µg/kg wet		20.0		98	70-130	2	25
1,2,3-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	11	25
1,2,4-Trichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	7	25
1,1,1-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	4	25
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130	4	25
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	22.3		µg/kg wet		20.0		112	56.8-140	2	50
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130	5	25
1,2,4-Trimethylbenzene	20.3		µg/kg wet		20.0		102	70-130	1	25
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130	0	25
Vinyl chloride	19.6		µg/kg wet		20.0		98	70-130	6	25
m,p-Xylene	41.4		µg/kg wet		40.0		104	70-130	0	25
o-Xylene	21.3		µg/kg wet		20.0		106	70-130	0.9	25
Tetrahydrofuran	16.6		µg/kg wet		20.0		83	70-130	4	25
Ethyl ether	18.0		µg/kg wet		20.0		90	65.3-130	2	50
Tert-amyl methyl ether	18.2		µg/kg wet		20.0		91	70-130	1	25
Ethyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	2	25
Di-isopropyl ether	17.6		µg/kg wet		20.0		88	70-130	2	25
Tert-Butanol / butyl alcohol	178		µg/kg wet		200		89	70-130	1	25
1,4-Dioxane	201		µg/kg wet		200		100	34-155	7	25
Surrogate: 4-Bromofluorobenzene	*32.7*		µg/kg wet		*30.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*31.4*		µg/kg wet		*30.0*		*105*	*70-130*		
Matrix Spike (7060311-MS1)										
Prepared & Analyzed: 05-Jun-07										
Benzene	15.1		µg/kg wet		20.0		76	70-130		
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,1-Dichloroethene	12.7		µg/kg wet		20.0		64	70-130		
Toluene	16.6		µg/kg wet		20.0		83	70-130		
Trichloroethene	16.2		µg/kg wet		20.0		81	70-130		
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060311 - SW846 5030 Soil (high level)										
Matrix Spike (7060311-MS1)										
Prepared & Analyzed: 05-Jun-07										
Surrogate: 1,2-Dichloroethane-d4	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
Matrix Spike Dup (7060311-MSD1)										
Prepared & Analyzed: 05-Jun-07										
Benzene	15.9		µg/kg wet		20.0		80	70-130	5	30
Chlorobenzene	21.2		µg/kg wet		20.0		106	70-130	3	30
1,1-Dichloroethene	13.3		µg/kg wet		20.0		66	70-130	3	30
Toluene	17.3		µg/kg wet		20.0		86	70-130	4	30
Trichloroethene	16.8		µg/kg wet		20.0		84	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.8*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*31.1*		µg/kg wet		*30.0*		*104*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052066 - SW846 3510C										
Blank (7052066-BLK1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0311*		mg/l		*0.0500*		*62*	*40-140*		
LCS (7052066-BS1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0463*		mg/l		*0.0500*		*93*	*60-120*		
Matrix Spike (7052066-MS1) **Source: SA62685-02**										
Prepared: 29-May-07 Analyzed: 30-May-07										
C9-C36 Aliphatic Hydrocarbons	1.2		mg/l	0.05	1.40	BRL	86	50-150		
Surrogate: 1-Chlorooctadecane	*0.0329*		mg/l		*0.0500*		*66*	*40-140*		
Matrix Spike Dup (7052066-MSD1) **Source: SA62685-02**										
Prepared: 29-May-07 Analyzed: 30-May-07										
C9-C36 Aliphatic Hydrocarbons	1.2		mg/l	0.05	1.40	BRL	86	50-150	0	30
Surrogate: 1-Chlorooctadecane	*0.0345*		mg/l		*0.0500*		*69*	*40-140*		
Batch 7052190 - SW846 3550B										
Blank (7052190-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.54*		mg/kg wet		*3.33*		*76*	*40-140*		
LCS (7052190-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
C9-C36 Aliphatic Hydrocarbons	72.9		mg/kg wet	13.3	93.3		78	60-120		
Surrogate: 1-Chlorooctadecane	*3.66*		mg/kg wet		*3.33*		*110*	*60-120*		
Duplicate (7052190-DUP1) **Source: SA62658-03**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Gasoline	BRL		mg/kg dry	31.2		BRL				50
Fuel Oil #2	71.9		mg/kg dry	31.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	31.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	31.2		BRL				50
Motor Oil	BRL		mg/kg dry	31.2		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052190 - SW846 3550B										
Duplicate (7052190-DUP1) **Source: SA62658-03**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aviation Fuel	BRL		mg/kg dry	31.2		BRL				50
Unidentified	BRL		mg/kg dry	31.2		BRL				50
Other Oil	BRL		mg/kg dry	31.2		BRL				50
Total Petroleum Hydrocarbons	71.9		mg/kg dry	31.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	71.9	QM4	mg/kg dry	31.2		28.8			86	50
Surrogate: 1-Chlorooctadecane	*8.30*	S02	mg/kg dry		*3.91*		*212*	*40-140*		
Matrix Spike (7052190-MS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
C9-C36 Aliphatic Hydrocarbons	168	QM4	mg/kg wet	12.7	89.3		188	50-150		
Surrogate: 1-Chlorooctadecane	*7.85*	S02	mg/kg wet		*3.19*		*246*	*40-140*		
Matrix Spike Dup (7052190-MSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
C9-C36 Aliphatic Hydrocarbons	134	QM4	mg/kg wet	12.6	88.6		151	50-150	22	30
Surrogate: 1-Chlorooctadecane	*6.22*	S02	mg/kg wet		*3.17*		*196*	*40-140*		
Batch 7052296 - SW846 3550B										
Blank (7052296-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.17*		mg/kg wet		*3.33*		*65*	*40-140*		
LCS (7052296-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
C9-C36 Aliphatic Hydrocarbons	69.5		mg/kg wet	13.3	93.3		74	60-120		
Surrogate: 1-Chlorooctadecane	*2.85*		mg/kg wet		*3.33*		*86*	*60-120*		
Duplicate (7052296-DUP1) **Source: SA62717-05**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Gasoline	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	15.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	15.4		BRL				50
Motor Oil	BRL		mg/kg dry	15.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	15.4		BRL				50
Unidentified	BRL		mg/kg dry	15.4		BRL				50
Other Oil	BRL		mg/kg dry	15.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.4		BRL				50
Surrogate: 1-Chlorooctadecane	*1.43*		mg/kg dry		*1.93*		*74*	*40-140*		
Matrix Spike (7052296-MS1) **Source: SA62717-05**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
C9-C36 Aliphatic Hydrocarbons	61.3		mg/kg dry	14.3	101	BRL	61	50-150		

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052296 - SW846 3550B										
Matrix Spike (7052296-MS1) **Source: SA62717-05**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Surrogate: 1-Chlorooctadecane	*2.60*		mg/kg dry		*3.60*		*72*	*40-140*		
Matrix Spike Dup (7052296-MSD1) **Source: SA62717-05**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
C9-C36 Aliphatic Hydrocarbons	63.4		mg/kg dry	14.4	101	BRL	63	50-150	3	30
Surrogate: 1-Chlorooctadecane	*3.20*		mg/kg dry		*3.60*		*89*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052064 - SW846 3510C										
Blank (7052064-BLK1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
Aldrin	BRL		µg/l	0.1000						
a-BHC	BRL		µg/l	0.1000						
b-BHC	BRL		µg/l	0.1000						
d-BHC	BRL		µg/l	0.1000						
g-BHC (Lindane)	BRL		µg/l	0.1000						
Chlordane	BRL		µg/l	0.5000						
4,4'-DDD (p,p')	BRL		µg/l	0.1000						
4,4'-DDE (p,p')	BRL		µg/l	0.1000						
4,4'-DDT (p,p')	BRL		µg/l	0.1000						
Dieldrin	BRL		µg/l	0.1000						
Endosulfan I	BRL		µg/l	0.1000						
Endosulfan II	BRL		µg/l	0.1000						
Endosulfan Sulfate	BRL		µg/l	0.1000						
Endrin	BRL		µg/l	0.1000						
Endrin Aldehyde	BRL		µg/l	0.1000						
Heptachlor	BRL		µg/l	0.1000						
Methoxychlor	BRL		µg/l	0.1000						
Heptachlor Epoxide	BRL		µg/l	0.1000						
Toxaphene	BRL		µg/l	0.5000						
a-Chlordane	BRL		µg/l	0.1000						
g-Chlordane	BRL		µg/l	0.1000						
Endrin Ketone	BRL		µg/l	0.1000						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0768*		µg/l		*0.2000*		*38*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0934*		µg/l		*0.2000*		*47*	*30-150*		
LCS (7052064-BS1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
Aldrin	0.1345		µg/l	0.1000	0.2000		67	40-140		
a-BHC	0.1336		µg/l	0.1000	0.2000		67	40-140		
b-BHC	0.1336		µg/l	0.1000	0.2000		67	40-140		
d-BHC	0.1144		µg/l	0.1000	0.2000		57	40-140		
g-BHC (Lindane)	0.1376		µg/l	0.1000	0.2000		69	40-140		
4,4'-DDD (p,p')	0.1255		µg/l	0.1000	0.2000		63	40-140		
4,4'-DDE (p,p')	0.1277		µg/l	0.1000	0.2000		64	40-140		
4,4'-DDT (p,p')	0.1404		µg/l	0.1000	0.2000		70	40-140		
Dieldrin	0.1336		µg/l	0.1000	0.2000		67	40-140		
Endosulfan I	0.1445		µg/l	0.1000	0.2000		72	40-140		
Endosulfan II	0.1456		µg/l	0.1000	0.2000		73	40-140		
Endosulfan Sulfate	0.1336		µg/l	0.1000	0.2000		67	40-140		
Endrin	0.1606		µg/l	0.1000	0.2000		80	40-140		
Endrin Aldehyde	0.1221		µg/l	0.1000	0.2000		61	40-140		
Heptachlor	0.1458		µg/l	0.1000	0.2000		73	40-140		
Methoxychlor	0.1530		µg/l	0.1000	0.2000		76	40-140		
Heptachlor Epoxide	0.1443		µg/l	0.1000	0.2000		72	40-140		
a-Chlordane	0.1452		µg/l	0.1000	0.2000		73	40-140		
g-Chlordane	0.1354		µg/l	0.1000	0.2000		68	40-140		
Endrin Ketone	0.1339		µg/l	0.1000	0.2000		67	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0753*		µg/l		*0.2000*		*38*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.100*		µg/l		*0.2000*		*50*	*30-150*		
LCS Dup (7052064-BSD1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
Aldrin	0.1261		µg/l	0.1000	0.2000		63	40-140	6	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052064 - SW846 3510C										
LCS Dup (7052064-BSD1)										
Prepared: 29-May-07 Analyzed: 30-May-07										
a-BHC	0.1216		µg/l	0.1000	0.2000		61	40-140	9	20
b-BHC	0.1335		µg/l	0.1000	0.2000		67	40-140	0	20
d-BHC	0.1047		µg/l	0.1000	0.2000		52	40-140	9	20
g-BHC (Lindane)	0.1292		µg/l	0.1000	0.2000		65	40-140	6	20
4,4'-DDD (p,p')	0.1243		µg/l	0.1000	0.2000		62	40-140	2	20
4,4'-DDE (p,p')	0.1244		µg/l	0.1000	0.2000		62	40-140	3	20
4,4'-DDT (p,p')	0.1421		µg/l	0.1000	0.2000		71	40-140	1	20
Dieldrin	0.1229		µg/l	0.1000	0.2000		61	40-140	9	20
Endosulfan I	0.1387		µg/l	0.1000	0.2000		69	40-140	4	20
Endosulfan II	0.1417		µg/l	0.1000	0.2000		71	40-140	3	20
Endosulfan Sulfate	0.1260		µg/l	0.1000	0.2000		63	40-140	6	20
Endrin	0.1517		µg/l	0.1000	0.2000		76	40-140	5	20
Endrin Aldehyde	0.1123		µg/l	0.1000	0.2000		56	40-140	9	20
Heptachlor	0.1367		µg/l	0.1000	0.2000		68	40-140	7	20
Methoxychlor	0.1476		µg/l	0.1000	0.2000		74	40-140	3	20
Heptachlor Epoxide	0.1366		µg/l	0.1000	0.2000		68	40-140	6	20
a-Chlordane	0.1440		µg/l	0.1000	0.2000		72	40-140	1	20
g-Chlordane	0.1300		µg/l	0.1000	0.2000		65	40-140	5	20
Endrin Ketone	0.1326		µg/l	0.1000	0.2000		66	40-140	2	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0753*		µg/l		*0.2000*		*38*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.110*		µg/l		*0.2000*		*55*	*30-150*		
Batch 7052115 - SW846 3545A										
Blank (7052115-BLK1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	BRL		µg/kg wet	5.00						
a-BHC	BRL		µg/kg wet	5.00						
b-BHC	BRL		µg/kg wet	5.00						
d-BHC	BRL		µg/kg wet	5.00						
g-BHC (Lindane)	BRL		µg/kg wet	5.00						
Chlordane	BRL		µg/kg wet	25.0						
4,4'-DDD (p,p')	BRL		µg/kg wet	5.00						
4,4'-DDE (p,p')	BRL		µg/kg wet	5.00						
4,4'-DDT (p,p')	BRL		µg/kg wet	5.00						
Dieldrin	BRL		µg/kg wet	5.00						
Endosulfan I	BRL		µg/kg wet	5.00						
Endosulfan II	BRL		µg/kg wet	5.00						
Endosulfan Sulfate	BRL		µg/kg wet	5.00						
Endrin	BRL		µg/kg wet	5.00						
Endrin Aldehyde	BRL		µg/kg wet	5.00						
Heptachlor	BRL		µg/kg wet	5.00						
Methoxychlor	BRL		µg/kg wet	5.00						
Heptachlor Epoxide	BRL		µg/kg wet	5.00						
Toxaphene	BRL		µg/kg wet	25.0						
a-Chlordane	BRL		µg/kg wet	5.00						
g-Chlordane	BRL		µg/kg wet	5.00						
Endrin Ketone	BRL		µg/kg wet	5.00						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.23*		µg/kg wet		*10.0*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*7.14*		µg/kg wet		*10.0*		*71*	*30-150*		
LCS (7052115-BS1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052115 - SW846 3545A										
LCS (7052115-BS1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	7.57		µg/kg wet	5.00	10.0		76	40-140		
a-BHC	7.65		µg/kg wet	5.00	10.0		76	40-140		
b-BHC	7.72		µg/kg wet	5.00	10.0		77	40-140		
d-BHC	6.37		µg/kg wet	5.00	10.0		64	40-140		
g-BHC (Lindane)	8.03		µg/kg wet	5.00	10.0		80	40-140		
4,4'-DDD (p,p')	6.02		µg/kg wet	5.00	10.0		60	40-140		
4,4'-DDE (p,p')	6.89		µg/kg wet	5.00	10.0		69	40-140		
4,4'-DDT (p,p')	7.76		µg/kg wet	5.00	10.0		78	40-140		
Dieldrin	6.76		µg/kg wet	5.00	10.0		68	40-140		
Endosulfan I	7.58		µg/kg wet	5.00	10.0		76	40-140		
Endosulfan II	7.03		µg/kg wet	5.00	10.0		70	40-140		
Endosulfan Sulfate	6.40		µg/kg wet	5.00	10.0		64	40-140		
Endrin	7.37		µg/kg wet	5.00	10.0		74	40-140		
Endrin Aldehyde	6.89		µg/kg wet	5.00	10.0		69	40-140		
Heptachlor	8.12		µg/kg wet	5.00	10.0		81	40-140		
Methoxychlor	7.08		µg/kg wet	5.00	10.0		71	40-140		
Heptachlor Epoxide	7.46		µg/kg wet	5.00	10.0		75	40-140		
a-Chlordane	7.30		µg/kg wet	5.00	10.0		73	40-140		
g-Chlordane	7.19		µg/kg wet	5.00	10.0		72	40-140		
Endrin Ketone	6.59		µg/kg wet	5.00	10.0		66	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.21*		µg/kg wet		*10.0*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.05*		µg/kg wet		*10.0*		*80*	*30-150*		
LCS Dup (7052115-BSD1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	7.26		µg/kg wet	5.00	10.0		73	40-140	4	30
a-BHC	7.25		µg/kg wet	5.00	10.0		72	40-140	5	30
b-BHC	7.77		µg/kg wet	5.00	10.0		78	40-140	1	30
d-BHC	6.32		µg/kg wet	5.00	10.0		63	40-140	2	30
g-BHC (Lindane)	7.77		µg/kg wet	5.00	10.0		78	40-140	3	30
4,4'-DDD (p,p')	6.68		µg/kg wet	5.00	10.0		67	40-140	11	30
4,4'-DDE (p,p')	6.82		µg/kg wet	5.00	10.0		68	40-140	1	30
4,4'-DDT (p,p')	7.81		µg/kg wet	5.00	10.0		78	40-140	0	30
Dieldrin	6.84		µg/kg wet	5.00	10.0		68	40-140	0	30
Endosulfan I	7.63		µg/kg wet	5.00	10.0		76	40-140	0	30
Endosulfan II	7.43		µg/kg wet	5.00	10.0		74	40-140	6	30
Endosulfan Sulfate	6.67		µg/kg wet	5.00	10.0		67	40-140	5	30
Endrin	8.13		µg/kg wet	5.00	10.0		81	40-140	9	30
Endrin Aldehyde	7.06		µg/kg wet	5.00	10.0		71	40-140	3	30
Heptachlor	7.66		µg/kg wet	5.00	10.0		77	40-140	5	30
Methoxychlor	7.51		µg/kg wet	5.00	10.0		75	40-140	5	30
Heptachlor Epoxide	7.30		µg/kg wet	5.00	10.0		73	40-140	3	30
a-Chlordane	6.99		µg/kg wet	5.00	10.0		70	40-140	4	30
g-Chlordane	7.12		µg/kg wet	5.00	10.0		71	40-140	1	30
Endrin Ketone	6.91		µg/kg wet	5.00	10.0		69	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.16*		µg/kg wet		*10.0*		*72*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.60*		µg/kg wet		*10.0*		*86*	*30-150*		
Duplicate (7052115-DUP1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	BRL		µg/kg dry	5.41		BRL				30
a-BHC	BRL		µg/kg dry	5.41		BRL				30
b-BHC	BRL		µg/kg dry	5.41		BRL				30

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052115 - SW846 3545A										
Duplicate (7052115-DUP1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
d-BHC	BRL		µg/kg dry	5.41		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	5.41		BRL				30
Chlordane	BRL		µg/kg dry	27.1		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	5.41		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	5.41		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	5.41		BRL				30
Dieldrin	BRL		µg/kg dry	5.41		BRL				30
Endosulfan I	BRL		µg/kg dry	5.41		BRL				30
Endosulfan II	BRL		µg/kg dry	5.41		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	5.41		BRL				30
Endrin	BRL		µg/kg dry	5.41		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	5.41		BRL				30
Heptachlor	BRL		µg/kg dry	5.41		BRL				30
Methoxychlor	BRL		µg/kg dry	5.41		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	5.41		BRL				30
Toxaphene	BRL		µg/kg dry	27.1		BRL				30
a-Chlordane	BRL		µg/kg dry	5.41		BRL				30
g-Chlordane	BRL		µg/kg dry	5.41		BRL				30
Endrin Ketone	BRL		µg/kg dry	5.41		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.06*		µg/kg dry		*10.8*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*8.92*		µg/kg dry		*10.8*		*83*	*30-150*		
Matrix Spike (7052115-MS1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	9.99		µg/kg dry	5.41	10.8	BRL	92	30-150		
a-BHC	8.40		µg/kg dry	5.41	10.8	BRL	78	30-150		
b-BHC	9.18		µg/kg dry	5.41	10.8	BRL	85	30-150		
d-BHC	6.46		µg/kg dry	5.41	10.8	BRL	60	30-150		
g-BHC (Lindane)	9.07		µg/kg dry	5.41	10.8	BRL	84	30-150		
4,4'-DDD (p,p')	9.06		µg/kg dry	5.41	10.8	BRL	84	30-150		
4,4'-DDE (p,p')	9.30		µg/kg dry	5.41	10.8	BRL	86	30-150		
4,4'-DDT (p,p')	11.2		µg/kg dry	5.41	10.8	BRL	104	30-150		
Dieldrin	8.53		µg/kg dry	5.41	10.8	BRL	79	30-150		
Endosulfan I	8.51		µg/kg dry	5.41	10.8	BRL	79	30-150		
Endosulfan II	9.47		µg/kg dry	5.41	10.8	BRL	88	30-150		
Endosulfan Sulfate	7.94		µg/kg dry	5.41	10.8	BRL	74	30-150		
Endrin	10.8		µg/kg dry	5.41	10.8	BRL	100	30-150		
Endrin Aldehyde	9.44		µg/kg dry	5.41	10.8	BRL	87	30-150		
Heptachlor	8.94		µg/kg dry	5.41	10.8	BRL	83	30-150		
Methoxychlor	10.9		µg/kg dry	5.41	10.8	BRL	101	30-150		
Heptachlor Epoxide	8.88		µg/kg dry	5.41	10.8	BRL	82	30-150		
a-Chlordane	8.67		µg/kg dry	5.41	10.8	BRL	80	30-150		
g-Chlordane	9.64		µg/kg dry	5.41	10.8	BRL	89	30-150		
Endrin Ketone	10.2		µg/kg dry	5.41	10.8	BRL	94	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.60*		µg/kg dry		*10.8*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.28*		µg/kg dry		*10.8*		*86*	*30-150*		
Matrix Spike Dup (7052115-MSD1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Aldrin	9.16		µg/kg dry	5.41	10.8	BRL	85	30-150	8	30
a-BHC	8.75		µg/kg dry	5.41	10.8	BRL	81	30-150	4	30
b-BHC	9.17		µg/kg dry	5.41	10.8	BRL	85	30-150	0	30
d-BHC	8.20		µg/kg dry	5.41	10.8	BRL	76	30-150	24	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052115 - SW846 3545A										
Matrix Spike Dup (7052115-MSD1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
g-BHC (Lindane)	9.51		µg/kg dry	5.41	10.8	BRL	88	30-150	5	30
4,4'-DDD (p,p')	10.5		µg/kg dry	5.41	10.8	BRL	97	30-150	14	30
4,4'-DDE (p,p')	10.0		µg/kg dry	5.41	10.8	BRL	93	30-150	8	30
4,4'-DDT (p,p')	11.9		µg/kg dry	5.41	10.8	BRL	110	30-150	6	30
Dieldrin	9.95		µg/kg dry	5.41	10.8	BRL	92	30-150	15	30
Endosulfan I	9.94		µg/kg dry	5.41	10.8	BRL	92	30-150	15	30
Endosulfan II	11.2		µg/kg dry	5.41	10.8	BRL	104	30-150	17	30
Endosulfan Sulfate	8.92		µg/kg dry	5.41	10.8	BRL	83	30-150	11	30
Endrin	12.7		µg/kg dry	5.41	10.8	BRL	118	30-150	17	30
Endrin Aldehyde	9.96		µg/kg dry	5.41	10.8	BRL	92	30-150	6	30
Heptachlor	10.4		µg/kg dry	5.41	10.8	BRL	96	30-150	15	30
Methoxychlor	11.6		µg/kg dry	5.41	10.8	BRL	107	30-150	6	30
Heptachlor Epoxide	9.68		µg/kg dry	5.41	10.8	BRL	90	30-150	9	30
a-Chlordane	9.69		µg/kg dry	5.41	10.8	BRL	90	30-150	12	50
g-Chlordane	9.74		µg/kg dry	5.41	10.8	BRL	90	30-150	1	50
Endrin Ketone	11.3		µg/kg dry	5.41	10.8	BRL	105	30-150	11	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.69*		µg/kg dry		*10.8*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.38*		µg/kg dry		*10.8*		*87*	*30-150*		
Batch 7052116 - SW846 3545A										
Blank (7052116-BLK1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	BRL		µg/kg wet	10.0						
PCB 1221	BRL		µg/kg wet	10.0						
PCB 1232	BRL		µg/kg wet	10.0						
PCB 1242	BRL		µg/kg wet	10.0						
PCB 1248	BRL		µg/kg wet	10.0						
PCB 1254	BRL		µg/kg wet	10.0						
PCB 1260	BRL		µg/kg wet	10.0						
PCB 1262	BRL		µg/kg wet	10.0						
PCB 1268	BRL		µg/kg wet	10.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.50*		µg/kg wet		*10.0*		*75*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.50*		µg/kg wet		*10.0*		*65*	*30-150*		
LCS (7052116-BS1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	126		µg/kg wet	10.0	125		101	40-140		
PCB 1260	109		µg/kg wet	10.0	125		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.50*		µg/kg wet		*10.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.00*		µg/kg wet		*10.0*		*60*	*30-150*		
LCS Dup (7052116-BSD1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	126		µg/kg wet	10.0	125		101	40-140	0	30
PCB 1260	112		µg/kg wet	10.0	125		90	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.50*		µg/kg wet		*10.0*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.50*		µg/kg wet		*10.0*		*65*	*30-150*		
Duplicate (7052116-DUP1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	BRL		µg/kg dry	10.8		BRL				40
PCB 1221	BRL		µg/kg dry	10.8		BRL				40
PCB 1232	BRL		µg/kg dry	10.8		BRL				40
PCB 1242	BRL		µg/kg dry	10.8		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052116 - SW846 3545A										
Duplicate (7052116-DUP1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1248	BRL		µg/kg dry	10.8		BRL				40
PCB 1254	BRL		µg/kg dry	10.8		BRL				40
PCB 1260	BRL		µg/kg dry	10.8		BRL				40
PCB 1262	BRL		µg/kg dry	10.8		BRL				40
PCB 1268	BRL		µg/kg dry	10.8		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.57*		µg/kg dry		*10.8*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*7.03*		µg/kg dry		*10.8*		*65*	*30-150*		
Matrix Spike (7052116-MS1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	127		µg/kg dry	10.8	135	BRL	94	40-140		
PCB 1260	112		µg/kg dry	10.8	135	BRL	83	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*7.02*		µg/kg dry		*10.8*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.48*		µg/kg dry		*10.8*		*60*	*30-150*		
Matrix Spike Dup (7052116-MSD1) **Source: SA62668-01**										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
PCB 1016	117		µg/kg dry	10.8	135	BRL	87	40-140	8	50
PCB 1260	113		µg/kg dry	10.8	135	BRL	84	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*6.49*		µg/kg dry		*10.8*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*6.49*		µg/kg dry		*10.8*		*60*	*30-150*		
Batch 7052183 - SW846 3550B										
Blank (7052183-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*28.6*		*49*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.5*		µg/kg wet		*28.6*		*68*	*30-150*		
LCS (7052183-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	23.0		µg/kg wet	14.3	28.6		80	40-140		
a-BHC	23.1		µg/kg wet	14.3	28.6		81	40-140		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
LCS (7052183-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
b-BHC	22.1		µg/kg wet	14.3	28.6		77	40-140		
d-BHC	19.2		µg/kg wet	14.3	28.6		67	40-140		
g-BHC (Lindane)	23.4		µg/kg wet	14.3	28.6		82	40-140		
4,4'-DDD (p,p')	21.0		µg/kg wet	14.3	28.6		73	40-140		
4,4'-DDE (p,p')	22.5		µg/kg wet	14.3	28.6		79	40-140		
4,4'-DDT (p,p')	23.4		µg/kg wet	14.3	28.6		82	40-140		
Dieldrin	22.3		µg/kg wet	14.3	28.6		78	40-140		
Endosulfan I	25.1		µg/kg wet	14.3	28.6		88	40-140		
Endosulfan II	24.8		µg/kg wet	14.3	28.6		87	40-140		
Endosulfan Sulfate	22.2		µg/kg wet	14.3	28.6		78	40-140		
Endrin	27.0		µg/kg wet	14.3	28.6		94	40-140		
Endrin Aldehyde	25.5		µg/kg wet	14.3	28.6		89	40-140		
Heptachlor	25.1		µg/kg wet	14.3	28.6		88	40-140		
Methoxychlor	25.4		µg/kg wet	14.3	28.6		89	40-140		
Heptachlor Epoxide	24.2		µg/kg wet	14.3	28.6		85	40-140		
a-Chlordane	26.3		µg/kg wet	14.3	28.6		92	40-140		
g-Chlordane	23.2		µg/kg wet	14.3	28.6		81	40-140		
Endrin Ketone	24.7		µg/kg wet	14.3	28.6		86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.9*		µg/kg wet		*28.6*		*91*	*30-150*		
LCS Dup (7052183-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	23.9		µg/kg wet	14.3	28.6		84	40-140	5	30
a-BHC	23.8		µg/kg wet	14.3	28.6		83	40-140	2	30
b-BHC	23.4		µg/kg wet	14.3	28.6		82	40-140	6	30
d-BHC	20.1		µg/kg wet	14.3	28.6		70	40-140	4	30
g-BHC (Lindane)	24.4		µg/kg wet	14.3	28.6		85	40-140	4	30
4,4'-DDD (p,p')	23.7		µg/kg wet	14.3	28.6		83	40-140	13	30
4,4'-DDE (p,p')	23.4		µg/kg wet	14.3	28.6		82	40-140	4	30
4,4'-DDT (p,p')	25.4		µg/kg wet	14.3	28.6		89	40-140	8	30
Dieldrin	23.2		µg/kg wet	14.3	28.6		81	40-140	4	30
Endosulfan I	26.6		µg/kg wet	14.3	28.6		93	40-140	6	30
Endosulfan II	26.2		µg/kg wet	14.3	28.6		92	40-140	6	30
Endosulfan Sulfate	23.4		µg/kg wet	14.3	28.6		82	40-140	5	30
Endrin	28.3		µg/kg wet	14.3	28.6		99	40-140	5	30
Endrin Aldehyde	25.2		µg/kg wet	14.3	28.6		88	40-140	1	30
Heptachlor	26.1		µg/kg wet	14.3	28.6		91	40-140	3	30
Methoxychlor	29.2		µg/kg wet	14.3	28.6		102	40-140	14	30
Heptachlor Epoxide	26.6		µg/kg wet	14.3	28.6		93	40-140	9	30
a-Chlordane	27.4		µg/kg wet	14.3	28.6		96	40-140	4	30
g-Chlordane	24.7		µg/kg wet	14.3	28.6		86	40-140	6	30
Endrin Ketone	24.2		µg/kg wet	14.3	28.6		85	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.6*		µg/kg wet		*28.6*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.7*		µg/kg wet		*28.6*		*93*	*30-150*		
Duplicate (7052183-DUP1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	BRL		µg/kg dry	16.8		BRL				30
a-BHC	BRL		µg/kg dry	16.8		BRL				30
b-BHC	BRL		µg/kg dry	16.8		BRL				30
d-BHC	BRL		µg/kg dry	16.8		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	16.8		BRL				30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
Duplicate (7052183-DUP1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Chlordane	BRL		µg/kg dry	84.0		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	16.8		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	16.8		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	16.8		BRL				30
Dieldrin	BRL		µg/kg dry	16.8		BRL				30
Endosulfan I	BRL		µg/kg dry	16.8		BRL				30
Endosulfan II	BRL		µg/kg dry	16.8		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	16.8		BRL				30
Endrin	BRL		µg/kg dry	16.8		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	16.8		BRL				30
Heptachlor	BRL		µg/kg dry	16.8		BRL				30
Methoxychlor	BRL		µg/kg dry	16.8		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	16.8		BRL				30
Toxaphene	BRL		µg/kg dry	84.0		BRL				30
a-Chlordane	BRL		µg/kg dry	16.8		BRL				30
g-Chlordane	BRL		µg/kg dry	16.8		BRL				30
Endrin Ketone	BRL		µg/kg dry	16.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.8*		µg/kg dry		*33.6*		*32*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.9*		µg/kg dry		*33.6*		*59*	*30-150*		
Matrix Spike (7052183-MS1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	40.3		µg/kg dry	16.7	33.5	BRL	120	30-150		
a-BHC	29.0		µg/kg dry	16.7	33.5	BRL	87	30-150		
b-BHC	28.1		µg/kg dry	16.7	33.5	BRL	84	30-150		
d-BHC	24.8		µg/kg dry	16.7	33.5	BRL	74	30-150		
g-BHC (Lindane)	30.3		µg/kg dry	16.7	33.5	BRL	90	30-150		
4,4'-DDD (p,p')	32.3		µg/kg dry	16.7	33.5	BRL	96	30-150		
4,4'-DDE (p,p')	31.2		µg/kg dry	16.7	33.5	BRL	93	30-150		
4,4'-DDT (p,p')	28.9		µg/kg dry	16.7	33.5	BRL	86	30-150		
Dieldrin	31.9		µg/kg dry	16.7	33.5	BRL	95	30-150		
Endosulfan I	35.0		µg/kg dry	16.7	33.5	BRL	104	30-150		
Endosulfan II	35.9		µg/kg dry	16.7	33.5	BRL	107	30-150		
Endosulfan Sulfate	33.9		µg/kg dry	16.7	33.5	BRL	101	30-150		
Endrin	32.8		µg/kg dry	16.7	33.5	BRL	98	30-150		
Endrin Aldehyde	34.4		µg/kg dry	16.7	33.5	BRL	103	30-150		
Heptachlor	35.1		µg/kg dry	16.7	33.5	BRL	105	30-150		
Methoxychlor	34.7		µg/kg dry	16.7	33.5	BRL	104	30-150		
Heptachlor Epoxide	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
a-Chlordane	34.5		µg/kg dry	16.7	33.5	BRL	103	30-150		
g-Chlordane	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
Endrin Ketone	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.6*		µg/kg dry		*33.5*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.6*		µg/kg dry		*33.5*		*118*	*30-150*		
Matrix Spike Dup (7052183-MSD1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	32.0		µg/kg dry	16.8	33.6	BRL	95	30-150	23	30
a-BHC	28.0		µg/kg dry	16.8	33.6	BRL	83	30-150	5	30
b-BHC	27.6		µg/kg dry	16.8	33.6	BRL	82	30-150	2	30
d-BHC	24.0		µg/kg dry	16.8	33.6	BRL	71	30-150	4	30
g-BHC (Lindane)	29.1		µg/kg dry	16.8	33.6	BRL	87	30-150	3	30
4,4'-DDD (p,p')	31.7		µg/kg dry	16.8	33.6	BRL	94	30-150	2	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
Matrix Spike Dup (7052183-MSD1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
4,4'-DDE (p,p')	30.7		µg/kg dry	16.8	33.6	BRL	91	30-150	2	30
4,4'-DDT (p,p')	28.7		µg/kg dry	16.8	33.6	BRL	85	30-150	1	30
Dieldrin	31.6		µg/kg dry	16.8	33.6	BRL	94	30-150	1	30
Endosulfan I	34.0		µg/kg dry	16.8	33.6	BRL	101	30-150	3	30
Endosulfan II	35.1		µg/kg dry	16.8	33.6	BRL	104	30-150	3	30
Endosulfan Sulfate	33.8		µg/kg dry	16.8	33.6	BRL	101	30-150	0	30
Endrin	30.0		µg/kg dry	16.8	33.6	BRL	89	30-150	10	30
Endrin Aldehyde	32.8		µg/kg dry	16.8	33.6	BRL	98	30-150	5	30
Heptachlor	34.1		µg/kg dry	16.8	33.6	BRL	101	30-150	4	30
Methoxychlor	39.1		µg/kg dry	16.8	33.6	BRL	116	30-150	11	30
Heptachlor Epoxide	36.1		µg/kg dry	16.8	33.6	BRL	107	30-150	4	30
a-Chlordane	32.5		µg/kg dry	16.8	33.6	BRL	97	30-150	6	50
g-Chlordane	35.6		µg/kg dry	16.8	33.6	BRL	106	30-150	5	50
Endrin Ketone	38.0		µg/kg dry	16.8	33.6	BRL	113	30-150	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.7*		µg/kg dry		*33.6*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.5*		µg/kg dry		*33.6*		*115*	*30-150*		
Batch 7052292 - SW846 3545A										
Blank (7052292-BLK1)										
Prepared & Analyzed: 31-May-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*28.6*		*84*	*30-150*		
LCS (7052292-BS1)										
Prepared & Analyzed: 31-May-07										
PCB 1016	337		µg/kg wet	28.6	357		94	40-140		
PCB 1260	318		µg/kg wet	28.6	357		89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.7*		µg/kg wet		*28.6*		*37*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.0*		µg/kg wet		*28.6*		*84*	*30-150*		
LCS Dup (7052292-BSD1)										
Prepared & Analyzed: 31-May-07										
PCB 1016	315		µg/kg wet	28.6	357		88	40-140	7	30
PCB 1260	317		µg/kg wet	28.6	357		89	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.6*		µg/kg wet		*28.6*		*58*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*28.6*		*80*	*30-150*		
Duplicate (7052292-DUP1) **Source: SA62734-19**										
Prepared & Analyzed: 31-May-07										
PCB 1016	BRL		µg/kg dry	30.2		BRL				40
PCB 1221	BRL		µg/kg dry	30.2		BRL				40
PCB 1232	BRL		µg/kg dry	30.2		BRL				40
PCB 1242	BRL		µg/kg dry	30.2		BRL				40
PCB 1248	BRL		µg/kg dry	30.2		BRL				40
PCB 1254	BRL		µg/kg dry	30.2		BRL				40

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052292 - SW846 3545A										
Duplicate (7052292-DUP1) **Source: SA62734-19**										
Prepared & Analyzed: 31-May-07										
PCB 1260	BRL		µg/kg dry	30.2		BRL				40
PCB 1262	BRL		µg/kg dry	30.2		BRL				40
PCB 1268	BRL		µg/kg dry	30.2		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.1*		µg/kg dry		*30.1*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.1*		µg/kg dry		*30.1*		*70*	*30-150*		
Matrix Spike (7052292-MS1) **Source: SA62734-19**										
Prepared & Analyzed: 31-May-07										
PCB 1016	448		µg/kg dry	29.6	370	BRL	121	40-140		
PCB 1260	330		µg/kg dry	29.6	370	BRL	89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.2*		µg/kg dry		*29.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.2*		µg/kg dry		*29.6*		*65*	*30-150*		
Matrix Spike Dup (7052292-MSD1) **Source: SA62734-19**										
Prepared & Analyzed: 31-May-07										
PCB 1016	462		µg/kg dry	30.1	376	BRL	123	40-140	2	50
PCB 1260	338		µg/kg dry	30.1	376	BRL	90	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.6*		µg/kg dry		*30.1*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.6*		µg/kg dry		*30.1*		*65*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052063 - SW846 3510C										
Blank (7052063-BLK1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
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	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	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	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
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	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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052063 - SW846 3510C										
Blank (7052063-BLK1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
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	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	5.00						
Naphthalene	BRL		µg/l	0.050						
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	5.00						
Phenanthrene	BRL		µg/l	0.050						
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-Methylnaphthalene	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	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						
Surrogate: 2-Fluorobiphenyl	*84.2*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*84.2*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*79.6*		µg/l		*100*		*80*	*15-110*		
Surrogate: Nitrobenzene-d5	*83.3*		µg/l		*100*		*83*	*30-130*		
Surrogate: Phenol-d5	*72.5*		µg/l		*100*		*72*	*15-110*		
Surrogate: Terphenyl-dl4	*87.1*		µg/l		*100*		*87*	*30-130*		
Surrogate: Terphenyl-dl4	*87.1*		µg/l		*100*		*87*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*70.0*		µg/l		*100*		*70*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052063 - SW846 3510C										
LCS (7052063-BS1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
Acenaphthene	78.0		µg/l	5.00	100		78	40-130		
Acenaphthene	78.0		µg/l	0.050	100		78	40-140		
Acenaphthylene	85.5		µg/l	5.00	100		86	40-130		
Acenaphthylene	85.5		µg/l	0.050	100		86	40-140		
Aniline	97.8		µg/l	5.00	100		98	40-130		
1-Methylnaphthalene	79.1		µg/l	0.050	100		79	40-140		
Anthracene	89.0		µg/l	5.00	100		89	40-130		
Anthracene	89.0		µg/l	0.050	100		89	40-140		
Atrazine	172		µg/l	5.00	100		172	0-200		
Azobenzene/Diphenyldiazine	95.6		µg/l	5.00	100		96	40-130		
Benzidine	169		µg/l	5.00	100		169	0-212		
Benzo (a) anthracene	76.5		µg/l	5.00	100		76	40-130		
Benzo (a) anthracene	76.5		µg/l	0.050	100		76	40-140		
Benzo (a) pyrene	83.3		µg/l	5.00	100		83	40-130		
Benzo (a) pyrene	83.3		µg/l	0.050	100		83	40-140		
Benzo (b) fluoranthene	71.2		µg/l	5.00	100		71	40-130		
Benzo (b) fluoranthene	71.2		µg/l	0.050	100		71	40-140		
Benzo (g,h,i) perylene	78.0		µg/l	5.00	100		78	40-130		
Benzo (g,h,i) perylene	78.0		µg/l	0.050	100		78	40-140		
Benzo (k) fluoranthene	88.7		µg/l	5.00	100		89	40-130		
Benzo (k) fluoranthene	88.7		µg/l	0.050	100		89	40-140		
Benzoic acid	35.5		µg/l	5.00	100		36	10.5-130		
Benzyl alcohol	56.9		µg/l	5.00	100		57	40-130		
Bis(2-chloroethoxy)methane	79.8		µg/l	5.00	100		80	40-130		
Bis(2-chloroethyl)ether	64.5		µg/l	5.00	100		64	40-130		
Bis(2-chloroisopropyl)ether	86.4		µg/l	5.00	100		86	40-130		
Bis(2-ethylhexyl)phthalate	74.0		µg/l	5.00	100		74	40-130		
4-Bromophenyl phenyl ether	81.7		µg/l	5.00	100		82	40-130		
Butyl benzyl phthalate	73.6		µg/l	5.00	100		74	40-130		
Carbazole	103		µg/l	5.00	100		103	40-130		
4-Chloro-3-methylphenol	71.8		µg/l	5.00	100		72	40-130		
4-Chloroaniline	80.7		µg/l	5.00	100		81	40-130		
2-Chloronaphthalene	78.5		µg/l	5.00	100		78	40-130		
2-Chlorophenol	63.4		µg/l	5.00	100		63	40-130		
4-Chlorophenyl phenyl ether	83.9		µg/l	5.00	100		84	40-130		
Chrysene	78.2		µg/l	5.00	100		78	40-130		
Chrysene	78.2		µg/l	0.050	100		78	40-140		
Dibenzo (a,h) anthracene	86.4		µg/l	5.00	100		86	40-130		
Dibenzo (a,h) anthracene	86.4		µg/l	0.050	100		86	40-140		
Dibenzofuran	83.2		µg/l	5.00	100		83	40-130		
1,2-Dichlorobenzene	65.0		µg/l	5.00	100		65	40-130		
1,3-Dichlorobenzene	59.7		µg/l	5.00	100		60	40-130		
1,4-Dichlorobenzene	65.2		µg/l	5.00	100		65	40-130		
3,3'-Dichlorobenzidine	77.0		µg/l	5.00	100		77	40-130		
2,4-Dichlorophenol	69.0		µg/l	5.00	100		69	40-130		
Diethyl phthalate	76.4		µg/l	5.00	100		76	40-130		
Dimethyl phthalate	75.2		µg/l	5.00	100		75	40-130		
2,4-Dimethylphenol	62.3		µg/l	5.00	100		62	40-130		
Di-n-butyl phthalate	79.6		µg/l	5.00	100		80	40-130		
4,6-Dinitro-2-methylphenol	69.6		µg/l	5.00	100		70	40-130		
2,4-Dinitrophenol	59.3		µg/l	5.00	100		59	40-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052063 - SW846 3510C										
LCS (7052063-BS1)										
Prepared: 29-May-07 Analyzed: 01-Jun-07										
2,4-Dinitrotoluene	86.1		µg/l	5.00	100		86	40-130		
2,6-Dinitrotoluene	85.1		µg/l	5.00	100		85	40-130		
Di-n-octyl phthalate	85.5		µg/l	5.00	100		86	40-130		
Fluoranthene	80.2		µg/l	5.00	100		80	40-130		
Fluoranthene	80.2		µg/l	0.050	100		80	40-140		
Fluorene	81.4		µg/l	5.00	100		81	40-130		
Fluorene	81.4		µg/l	0.050	100		81	40-140		
Hexachlorobenzene	80.9		µg/l	5.00	100		81	40-130		
Hexachlorobutadiene	78.3		µg/l	5.00	100		78	40-130		
Hexachlorocyclopentadiene	77.4		µg/l	5.00	100		77	40-130		
Hexachloroethane	69.1		µg/l	5.00	100		69	40-130		
Indeno (1,2,3-cd) pyrene	85.0		µg/l	5.00	100		85	40-130		
Indeno (1,2,3-cd) pyrene	85.0		µg/l	0.050	100		85	40-140		
Isophorone	82.2		µg/l	5.00	100		82	40-130		
2-Methylnaphthalene	78.8		µg/l	5.00	100		79	40-130		
2-Methylnaphthalene	78.8		µg/l	0.050	100		79	40-140		
2-Methylphenol	64.0		µg/l	5.00	100		64	40-130		
3,4-Methylphenol	69.7		µg/l	10.0	100		70	40-130		
Naphthalene	85.1		µg/l	5.00	100		85	40-130		
Naphthalene	85.1		µg/l	0.050	100		85	40-140		
2-Nitroaniline	87.8		µg/l	5.00	100		88	40-130		
3-Nitroaniline	88.3		µg/l	5.00	100		88	40-130		
4-Nitroaniline	112		µg/l	20.0	100		112	40-130		
Nitrobenzene	80.7		µg/l	5.00	100		81	40-130		
2-Nitrophenol	70.1		µg/l	5.00	100		70	40-130		
4-Nitrophenol	76.9		µg/l	20.0	100		77	40-130		
N-Nitrosodimethylamine	77.9		µg/l	5.00	100		78	40-130		
N-Nitrosodi-n-propylamine	69.0		µg/l	5.00	100		69	40-130		
N-Nitrosodiphenylamine	87.7		µg/l	5.00	100		88	40-130		
Pentachlorophenol	65.7		µg/l	20.0	100		66	40-130		
Phenanthrene	79.7		µg/l	5.00	100		80	40-130		
Phenanthrene	79.7		µg/l	0.050	100		80	40-140		
Phenol	68.1		µg/l	5.00	100		68	40-130		
Pyrene	75.4		µg/l	5.00	100		75	40-130		
Pyrene	75.4		µg/l	0.050	100		75	40-140		
Pyridine	61.4		µg/l	5.00	100		61	40-130		
Hexachlorobenzene	80.9		µg/l	1.00	100		81	40-140		
1-Methylnaphthalene	79.1		µg/l	5.00	100		79	40-140		
1,2,4-Trichlorobenzene	75.5		µg/l	5.00	100		76	40-130		
Hexachloroethane	69.1		µg/l	1.00	100		69	40-140		
2,4,5-Trichlorophenol	72.2		µg/l	5.00	100		72	40-130		
Pentachlorophenol	65.7		µg/l	1.00	100		66	30-130		
2,4,6-Trichlorophenol	60.2		µg/l	5.00	100		60	40-130		
Hexachlorobutadiene	78.3		µg/l	0.500	100		78	40-140		
Surrogate: 2-Fluorobiphenyl	*89.1*		µg/l		*100*		*89*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*89.1*		µg/l		*100*		*89*	*30-130*		
Surrogate: 2-Fluorophenol	*66.2*		µg/l		*100*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*91.5*		µg/l		*100*		*92*	*30-130*		
Surrogate: Phenol-d5	*65.3*		µg/l		*100*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*87.8*		µg/l		*100*		*88*	*30-130*		
Surrogate: Terphenyl-dl4	*87.8*		µg/l		*100*		*88*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*91.0*		µg/l		*100*		*91*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
Blank (7052186-BLK1)										
Prepared & Analyzed: 30-May-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
Blank (7052186-BLK1)										
Prepared & Analyzed: 30-May-07										
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						
Surrogate: 2-Fluorobiphenyl	*5260*		µg/kg wet		*6670*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*5390*		µg/kg wet		*6670*		*81*	*15-110*		
Surrogate: Nitrobenzene-d5	*4570*		µg/kg wet		*6670*		*69*	*30-130*		
Surrogate: Phenol-d5	*5570*		µg/kg wet		*6670*		*84*	*15-110*		
Surrogate: Terphenyl-dl4	*6050*		µg/kg wet		*6670*		*91*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5600*		µg/kg wet		*6670*		*84*	*15-110*		
LCS (7052186-BS1)										
Prepared & Analyzed: 30-May-07										
Acenaphthene	4800		µg/kg wet	330	6670		72	40-130		
Acenaphthylene	5460		µg/kg wet	330	6670		82	40-130		
Aniline	9050	QC2	µg/kg wet	330	6670		136	40-130		
Anthracene	5520		µg/kg wet	330	6670		83	40-130		
Atrazine	22000	QC2	µg/kg wet	330	6670		330	40-130		
Azobenzene/Diphenyldiazine	4220		µg/kg wet	330	6670		63	40-130		
Benzidine	11600	QC2	µg/kg wet	330	6670		174	0-130		
Benzo (a) anthracene	4860		µg/kg wet	330	6670		73	40-130		
Benzo (a) pyrene	5340		µg/kg wet	330	6670		80	40-130		
Benzo (b) fluoranthene	4950		µg/kg wet	330	6670		74	40-130		
Benzo (g,h,i) perylene	4320		µg/kg wet	330	6670		65	40-130		
Benzo (k) fluoranthene	5810		µg/kg wet	330	6670		87	40-130		
Benzoic acid	497		µg/kg wet	330	6670		7	6.16-130		
Benzyl alcohol	3980		µg/kg wet	330	6670		60	40-130		
Bis(2-chloroethoxy)methane	3570		µg/kg wet	330	6670		54	40-130		
Bis(2-chloroethyl)ether	3960		µg/kg wet	330	6670		59	40-130		
Bis(2-chloroisopropyl)ether	4460		µg/kg wet	330	6670		67	40-130		
Bis(2-ethylhexyl)phthalate	4680		µg/kg wet	330	6670		70	40-130		
4-Bromophenyl phenyl ether	5260		µg/kg wet	330	6670		79	40-130		
Butyl benzyl phthalate	4800		µg/kg wet	330	6670		72	40-130		
Carbazole	12600	QC2	µg/kg wet	330	6670		189	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
LCS (7052186-BS1)										
Prepared & Analyzed: 30-May-07										
4-Chloro-3-methylphenol	3160		µg/kg wet	330	6670		47	40-130		
4-Chloroaniline	5290		µg/kg wet	330	6670		79	40-130		
2-Chloronaphthalene	5000		µg/kg wet	330	6670		75	40-130		
2-Chlorophenol	4480		µg/kg wet	330	6670		67	40-130		
4-Chlorophenyl phenyl ether	5180		µg/kg wet	330	6670		78	40-130		
Chrysene	5360		µg/kg wet	330	6670		80	40-130		
Dibenzo (a,h) anthracene	4470		µg/kg wet	330	6670		67	40-130		
Dibenzofuran	5160		µg/kg wet	330	6670		77	40-130		
1,2-Dichlorobenzene	4390		µg/kg wet	330	6670		66	40-130		
1,3-Dichlorobenzene	4620		µg/kg wet	330	6670		69	40-130		
1,4-Dichlorobenzene	4170		µg/kg wet	330	6670		63	40-130		
3,3´-Dichlorobenzidine	5780		µg/kg wet	330	6670		87	40-130		
2,4-Dichlorophenol	3350		µg/kg wet	330	6670		50	40-130		
Diethyl phthalate	4550		µg/kg wet	330	6670		68	40-130		
Dimethyl phthalate	4880		µg/kg wet	330	6670		73	40-130		
2,4-Dimethylphenol	2980		µg/kg wet	330	6670		45	40-130		
Di-n-butyl phthalate	4570		µg/kg wet	330	6670		69	40-130		
4,6-Dinitro-2-methylphenol	4300		µg/kg wet	330	6670		64	40-130		
2,4-Dinitrophenol	3470		µg/kg wet	330	6670		52	40-130		
2,4-Dinitrotoluene	5580		µg/kg wet	330	6670		84	40-130		
2,6-Dinitrotoluene	5890		µg/kg wet	330	6670		88	40-130		
Di-n-octyl phthalate	5210		µg/kg wet	330	6670		78	40-130		
Fluoranthene	4950		µg/kg wet	330	6670		74	40-130		
Fluorene	4970		µg/kg wet	330	6670		75	40-130		
Hexachlorobenzene	5570		µg/kg wet	330	6670		84	40-130		
Hexachlorobutadiene	4030		µg/kg wet	330	6670		60	40-130		
Hexachlorocyclopentadiene	3160		µg/kg wet	330	6670		47	40-130		
Hexachloroethane	4750		µg/kg wet	330	6670		71	40-130		
Indeno (1,2,3-cd) pyrene	4340		µg/kg wet	330	6670		65	40-130		
Isophorone	3690		µg/kg wet	330	6670		55	40-130		
1-Methylnaphthalene	5240		µg/kg wet	330	6670		79	40-140		
2-Methylnaphthalene	3650		µg/kg wet	330	6670		55	40-130		
2-Methylphenol	3450		µg/kg wet	330	6670		52	40-130		
3,4-Methylphenol	4180		µg/kg wet	330	6670		63	40-130		
Naphthalene	3550		µg/kg wet	330	6670		53	40-130		
2-Nitroaniline	5500		µg/kg wet	330	6670		82	40-130		
3-Nitroaniline	5030		µg/kg wet	330	6670		75	40-130		
4-Nitroaniline	7610		µg/kg wet	1320	6670		114	40-130		
Nitrobenzene	3590		µg/kg wet	330	6670		54	40-130		
2-Nitrophenol	3390		µg/kg wet	330	6670		51	40-130		
4-Nitrophenol	3370		µg/kg wet	1320	6670		51	40-130		
N-Nitrosodimethylamine	3910		µg/kg wet	330	6670		59	40-130		
N-Nitrosodi-n-propylamine	4380		µg/kg wet	330	6670		66	40-130		
N-Nitrosodiphenylamine	6530		µg/kg wet	330	6670		98	40-130		
Pentachlorophenol	4890		µg/kg wet	330	6670		73	40-130		
Phenanthrene	4560		µg/kg wet	330	6670		68	40-130		
Phenol	4520		µg/kg wet	330	6670		68	40-130		
Pyrene	5240		µg/kg wet	330	6670		79	40-130		
Pyridine	4430		µg/kg wet	330	6670		66	40-130		
1,2,4-Trichlorobenzene	4080		µg/kg wet	330	6670		61	40-130		
2,4,5-Trichlorophenol	4400		µg/kg wet	330	6670		66	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
LCS (7052186-BS1)										
Prepared & Analyzed: 30-May-07										
2,4,6-Trichlorophenol	3920		µg/kg wet	330	6670		59	40-130		
Surrogate: 2-Fluorobiphenyl	*5470*		µg/kg wet		*6670*		*82*	*30-130*		
Surrogate: 2-Fluorophenol	*4590*		µg/kg wet		*6670*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*3520*		µg/kg wet		*6670*		*53*	*30-130*		
Surrogate: Phenol-d5	*3790*		µg/kg wet		*6670*		*57*	*15-110*		
Surrogate: Terphenyl-dl4	*5990*		µg/kg wet		*6670*		*90*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6110*		µg/kg wet		*6670*		*92*	*15-110*		
Duplicate (7052186-DUP1)	**Source: SA62528-01**									
Prepared & Analyzed: 30-May-07										
Acenaphthene	BRL		µg/kg dry	832		BRL				50
Acenaphthylene	BRL		µg/kg dry	832		BRL				50
Aniline	BRL		µg/kg dry	832		BRL				50
Anthracene	195	J	µg/kg dry	832		237			19	50
Atrazine	BRL		µg/kg dry	832		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	832		BRL				50
Benzidine	BRL		µg/kg dry	832		BRL				50
Benzo (a) anthracene	400	J	µg/kg dry	832		330			19	50
Benzo (a) pyrene	398	J	µg/kg dry	832		295			30	50
Benzo (b) fluoranthene	460	J	µg/kg dry	832		359			25	50
Benzo (g,h,i) perylene	244	J	µg/kg dry	832		205			17	50
Benzo (k) fluoranthene	311	J	µg/kg dry	832		275			12	50
Benzoic acid	BRL		µg/kg dry	832		BRL				50
Benzyl alcohol	BRL		µg/kg dry	832		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	832		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	832		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	832		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	832		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	832		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	832		BRL				50
Carbazole	BRL		µg/kg dry	832		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	832		BRL				50
4-Chloroaniline	BRL		µg/kg dry	832		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	832		BRL				50
2-Chlorophenol	BRL		µg/kg dry	832		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	832		BRL				50
Chrysene	462	J	µg/kg dry	832		435			6	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	832		BRL				50
Dibenzofuran	BRL		µg/kg dry	832		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	832		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	832		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	832		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	832		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	832		BRL				50
Diethyl phthalate	BRL		µg/kg dry	832		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	832		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	832		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	832		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	832		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	832		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	832		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	832		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
Duplicate (7052186-DUP1)	**Source: SA62528-01**									
Prepared & Analyzed: 30-May-07										
Di-n-octyl phthalate	BRL		µg/kg dry	832		BRL				50
Fluoranthene	1080		µg/kg dry	832		896			19	50
Fluorene	BRL		µg/kg dry	832		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	832		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	832		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	832		BRL				50
Hexachloroethane	BRL		µg/kg dry	832		BRL				50
Indeno (1,2,3-cd) pyrene	186	J	µg/kg dry	832		169			10	50
1-Methylnaphthalene	BRL		µg/kg dry	832		BRL				50
Isophorone	BRL		µg/kg dry	832		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	832		BRL				50
2-Methylphenol	BRL		µg/kg dry	832		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	832		BRL				50
Naphthalene	BRL		µg/kg dry	832		BRL				50
2-Nitroaniline	BRL		µg/kg dry	832		BRL				50
3-Nitroaniline	BRL		µg/kg dry	832		BRL				50
4-Nitroaniline	BRL		µg/kg dry	832		BRL				50
Nitrobenzene	BRL		µg/kg dry	3330		BRL				50
2-Nitrophenol	BRL		µg/kg dry	832		BRL				50
4-Nitrophenol	BRL		µg/kg dry	832		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	3330		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	832		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	832		BRL				50
Pentachlorophenol	BRL		µg/kg dry	832		BRL				50
Phenanthrene	376	J	µg/kg dry	832		364			3	50
Phenol	BRL		µg/kg dry	832		BRL				50
Pyrene	1110		µg/kg dry	832		889			22	50
Pyridine	BRL		µg/kg dry	832		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	832		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	832		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	832		BRL				50
Surrogate: 2-Fluorobiphenyl	*5460*		µg/kg dry		*8400*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*4800*		µg/kg dry		*8400*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*4730*		µg/kg dry		*8400*		*56*	*30-130*		
Surrogate: Phenol-d5	*5120*		µg/kg dry		*8400*		*61*	*15-110*		
Surrogate: Terphenyl-dl4	*6320*		µg/kg dry		*8400*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5000*		µg/kg dry		*8400*		*60*	*15-110*		
Matrix Spike (7052186-MS1)	**Source: SA62528-01**									
Prepared & Analyzed: 30-May-07										
Acenaphthene	5470		µg/kg dry	419	8460	BRL	65	40-140		
4-Chloro-3-methylphenol	9080		µg/kg dry	419	16900	BRL	54	30-130		
2-Chlorophenol	9400		µg/kg dry	419	16900	BRL	56	30-130		
1,4-Dichlorobenzene	4560		µg/kg dry	419	8460	BRL	54	40-140		
2,4-Dinitrotoluene	5870		µg/kg dry	419	8460	BRL	69	40-140		
4-Nitrophenol	7780		µg/kg dry	1670	16900	BRL	46	30-130		
N-Nitrosodi-n-propylamine	4320		µg/kg dry	419	8460	BRL	51	40-140		
Pentachlorophenol	9740		µg/kg dry	419	16900	BRL	58	30-130		
Phenol	8010		µg/kg dry	419	16900	BRL	47	30-130		
Pyrene	7110		µg/kg dry	419	8460	889	74	40-140		
1,2,4-Trichlorobenzene	5390		µg/kg dry	419	8460	BRL	64	40-140		
Surrogate: 2-Fluorobiphenyl	*6220*		µg/kg dry		*8460*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*4960*		µg/kg dry		*8460*		*59*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052186 - SW846 3550B										
Matrix Spike (7052186-MS1)	**Source: SA62528-01**									
Prepared & Analyzed: 30-May-07										
Surrogate: Nitrobenzene-d5	*4110*		µg/kg dry		*8460*		*49*	*30-130*		
Surrogate: Phenol-d5	*3590*		µg/kg dry		*8460*		*42*	*15-110*		
Surrogate: Terphenyl-dl4	*7000*		µg/kg dry		*8460*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6390*		µg/kg dry		*8460*		*76*	*15-110*		
Matrix Spike Dup (7052186-MSD1)	**Source: SA62528-01**									
Prepared & Analyzed: 30-May-07										
Acenaphthene	4930		µg/kg dry	417	8430	BRL	58	40-140	11	30
4-Chloro-3-methylphenol	9190		µg/kg dry	417	16900	BRL	54	30-130	0	30
2-Chlorophenol	9250		µg/kg dry	417	16900	BRL	55	30-130	2	30
1,4-Dichlorobenzene	4230		µg/kg dry	417	8430	BRL	50	40-140	8	30
2,4-Dinitrotoluene	5800		µg/kg dry	417	8430	BRL	69	40-140	0	30
4-Nitrophenol	8080		µg/kg dry	1670	16900	BRL	48	30-130	4	30
N-Nitrosodi-n-propylamine	4370		µg/kg dry	417	8430	BRL	52	40-140	2	30
Pentachlorophenol	9990		µg/kg dry	417	16900	BRL	59	30-130	2	30
Phenol	8230		µg/kg dry	417	16900	BRL	49	30-130	4	30
Pyrene	5940		µg/kg dry	417	8430	889	60	40-140	21	30
1,2,4-Trichlorobenzene	4730		µg/kg dry	417	8430	BRL	56	40-140	13	30
Surrogate: 2-Fluorobiphenyl	*5680*		µg/kg dry		*8430*		*67*	*30-130*		
Surrogate: 2-Fluorophenol	*4810*		µg/kg dry		*8430*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*3550*		µg/kg dry		*8430*		*42*	*30-130*		
Surrogate: Phenol-d5	*3780*		µg/kg dry		*8430*		*45*	*15-110*		
Surrogate: Terphenyl-dl4	*6120*		µg/kg dry		*8430*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6230*		µg/kg dry		*8430*		*74*	*15-110*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Blank (7052217-BLK1)										
Prepared & Analyzed: 30-May-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0125						
LCS (7052217-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Lead	0.466		mg/l	0.0075	0.500		93	85-115		
Selenium	0.500		mg/l	0.0150	0.500		100	85-115		
Chromium	0.483		mg/l	0.0050	0.500		97	85-115		
Cadmium	0.500		mg/l	0.0025	0.500		100	85-115		
Barium	0.514		mg/l	0.0050	0.500		103	85-115		
Silver	0.468		mg/l	0.0125	0.500		94	85-115		
Arsenic	0.483		mg/l	0.0040	0.500		97	85-115		
LCS Dup (7052217-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Selenium	0.510		mg/l	0.0150	0.500		102	85-115	2	20
Lead	0.474		mg/l	0.0075	0.500		95	85-115	2	20
Barium	0.521		mg/l	0.0050	0.500		104	85-115	1	20
Silver	0.477		mg/l	0.0125	0.500		95	85-115	2	20
Cadmium	0.508		mg/l	0.0025	0.500		102	85-115	2	20
Chromium	0.494		mg/l	0.0050	0.500		99	85-115	2	20
Arsenic	0.494		mg/l	0.0040	0.500		99	85-115	2	20
Duplicate (7052217-DUP1) **Source: SA62687-10**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Lead	2.38		mg/l	0.0075		2.43			2	20
Selenium	BRL		mg/l	0.0150		BRL				20
Barium	0.206		mg/l	0.0050		0.206			0	20
Cadmium	0.0003	J,QR4	mg/l	0.0025		0.0004			29	20
Silver	0.0028	J,QR4	mg/l	0.0125		0.0040			35	20
Chromium	0.0072		mg/l	0.0050		0.0075			4	20
Arsenic	0.0230		mg/l	0.0040		0.0244			6	20
Matrix Spike (7052217-MS1) **Source: SA62576-02**										
Prepared & Analyzed: 30-May-07										
Selenium	0.530		mg/l	0.0150	0.500	BRL	106	75-125		
Lead	0.475		mg/l	0.0075	0.500	BRL	95	75-125		
Silver	0.498		mg/l	0.0125	0.500	0.0039	99	75-125		
Chromium	0.506		mg/l	0.0050	0.500	0.0076	100	75-125		
Arsenic	0.527		mg/l	0.0040	0.500	0.0028	105	75-125		
Cadmium	0.523		mg/l	0.0025	0.500	0.0067	103	75-125		
Barium	0.580		mg/l	0.0050	0.500	0.0614	104	75-125		
Matrix Spike Dup (7052217-MSD1) **Source: SA62576-02**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Lead	0.449		mg/l	0.0075	0.500	BRL	90	75-125	6	20
Selenium	0.502		mg/l	0.0150	0.500	BRL	100	75-125	5	20
Barium	0.554		mg/l	0.0050	0.500	0.0614	99	75-125	5	20
Arsenic	0.498		mg/l	0.0040	0.500	0.0028	99	75-125	6	20

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* Reportable Detection Limit BRL = Below Reporting Limit

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052217 - SW846 3005A										
Matrix Spike Dup (7052217-MSD1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Silver	0.470		mg/l	0.0125	0.500	0.0039	93	75-125	6	20
Chromium	0.481		mg/l	0.0050	0.500	0.0076	95	75-125	5	20
Cadmium	0.489		mg/l	0.0025	0.500	0.0067	96	75-125	7	20
Post Spike (7052217-PS1) Source: SA62576-02										
Prepared: 30-May-07 Analyzed: 31-May-07										
Selenium	0.520		mg/l	0.0150	0.500	BRL	104	80-120		
Lead	0.472		mg/l	0.0075	0.500	BRL	94	80-120		
Barium	0.557		mg/l	0.0050	0.500	0.0614	99	80-120		
Arsenic	0.523		mg/l	0.0040	0.500	0.0028	104	80-120		
Cadmium	0.513		mg/l	0.0025	0.500	0.0067	101	80-120		
Chromium	0.488		mg/l	0.0050	0.500	0.0076	96	80-120		
Silver	0.471		mg/l	0.0125	0.500	0.0039	93	80-120		
Batch 7052223 - SW846 3050B										
Blank (7052223-BLK1)										
Prepared & Analyzed: 31-May-07										
Selenium	BRL		mg/kg wet	1.36						
Lead	BRL		mg/kg wet	1.36						
Silver	BRL		mg/kg wet	1.36						
Cadmium	BRL		mg/kg wet	0.453						
Arsenic	BRL		mg/kg wet	1.36						
Chromium	BRL		mg/kg wet	0.906						
Barium	BRL		mg/kg wet	0.906						
Duplicate (7052223-DUP1) Source: SA62668-01										
Prepared & Analyzed: 31-May-07										
Lead	36.8		mg/kg dry	1.40		36.0			2	20
Selenium	BRL		mg/kg dry	1.40		0.403				20
Chromium	5.09		mg/kg dry	0.931		5.03			1	20
Cadmium	0.242	J	mg/kg dry	0.465		0.240			0.8	20
Arsenic	1.72		mg/kg dry	1.40		1.67			3	20
Silver	BRL		mg/kg dry	1.40		BRL				20
Barium	24.6		mg/kg dry	0.931		24.0			2	20
Matrix Spike (7052223-MS1) Source: SA62687-01										
Prepared & Analyzed: 31-May-07										
Selenium	106		mg/kg dry	1.62	135	0.925	78	75-125		
Lead	764	QM4X	mg/kg dry	1.62	135	670	70	75-125		
Silver	108		mg/kg dry	1.62	135	BRL	80	75-125		
Chromium	122		mg/kg dry	1.08	135	8.80	84	75-125		
Arsenic	114		mg/kg dry	1.62	135	8.97	78	75-125		
Cadmium	112		mg/kg dry	0.541	135	0.645	82	75-125		
Barium	242		mg/kg dry	1.08	135	107	100	75-125		
Matrix Spike Dup (7052223-MSD1) Source: SA62687-01										
Prepared & Analyzed: 31-May-07										
Selenium	111		mg/kg dry	1.68	140	0.925	79	75-125	5	35
Lead	654	QM4X	mg/kg dry	1.68	140	670	-11	75-125	16	35
Arsenic	117		mg/kg dry	1.68	140	8.97	77	75-125	3	35
Silver	111		mg/kg dry	1.68	140	BRL	79	75-125	3	35
Cadmium	115		mg/kg dry	0.561	140	0.645	82	75-125	3	35
Chromium	122		mg/kg dry	1.12	140	8.80	81	75-125	0	35

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 7052223 - SW846 3050B										
Matrix Spike Dup (7052223-MSD1) **Source: SA62687-01**										
Prepared & Analyzed: 31-May-07										
Barium	265		mg/kg dry	1.12	140	107	113	75-125	9	35
Post Spike (7052223-PS1) **Source: SA62687-01**										
Prepared & Analyzed: 31-May-07										
Lead	729	QM4X	mg/kg dry	1.71	143	670	41	80-120		
Cadmium	117		mg/kg dry	0.571	143	0.645	81	80-120		
Chromium	125		mg/kg dry	1.14	143	8.80	81	80-120		
Barium	262		mg/kg dry	1.14	143	107	108	80-120		
Reference (7052223-SRM1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	52.8		mg/kg wet	1.50	61.8		85	78.4-120.8		
Selenium	61.5		mg/kg wet	1.50	71.0		87	77.5-122.5		
Silver	42.8		mg/kg wet	1.50	49.8		86	66.3-133.3		
Chromium	51.6		mg/kg wet	1.00	61.8		83	80.5-119.2		
Arsenic	66.6		mg/kg wet	1.50	77.7		86	76.8-123.2		
Cadmium	43.0		mg/kg wet	0.500	49.1		88	80.1-119.6		
Barium	144		mg/kg wet	1.00	140		103	82-118		
Reference (7052223-SRM2)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	51.0		mg/kg wet	1.50	61.2		83	78.4-120.8		
Selenium	59.2		mg/kg wet	1.50	70.4		84	77.5-122.5		
Silver	42.8		mg/kg wet	1.50	49.4		87	66.3-133.3		
Cadmium	41.6		mg/kg wet	0.500	48.6		86	80.1-119.6		
Arsenic	64.2		mg/kg wet	1.50	77.0		83	76.8-123.2		
Chromium	51.2		mg/kg wet	1.00	61.2		84	80.5-119.2		
Barium	138		mg/kg wet	1.00	139		99	82-118		
Batch 7052224 - EPA200/SW7000 Series										
Blank (7052224-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	BRL		mg/kg wet	0.0298						
Duplicate (7052224-DUP1) **Source: SA62668-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	4.56	QR5	mg/kg dry	0.0323		2.71			51	20
Matrix Spike (7052224-MS1) **Source: SA62668-04**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	2.29	QM4X	mg/kg dry	0.0321	0.446	1.39	202	75-125		
Matrix Spike Dup (7052224-MSD1) **Source: SA62668-04**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	9.44	QM4X, QR5	mg/kg dry	0.162	0.451	1.39	1785	75-125	122	35
Reference (7052224-SRM1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	1.58		mg/kg wet	0.0300	1.45		109	66-132.6		

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 7052218 - EPA200/SW7000 Series										
Blank (7052218-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052218-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00201	QC3	mg/l	0.00020	0.00250		80	85-115		
Duplicate (7052218-DUP1) **Source: SA62687-10**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.0190		mg/l	0.00020		0.0182			4	20
Matrix Spike (7052218-MS1) **Source: SA62576-02**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00227		mg/l	0.00020	0.00250	BRL	91	75-125		
Matrix Spike Dup (7052218-MSD1) **Source: SA62576-02**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00217		mg/l	0.00020	0.00250	BRL	87	75-125	5	20
Post Spike (7052218-PS1) **Source: SA62576-02**										
Prepared: 30-May-07 Analyzed: 31-May-07										
Mercury	0.00222		mg/l	0.00020	0.00250	BRL	89	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052309 - SW846 3010A										
Blank (7052309-BLK1)										
Prepared & Analyzed: 31-May-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Arsenic	BRL		mg/l	0.0080						
Cadmium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0100						
LCS (7052309-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.35		mg/l	0.0300	2.50		94	75.1-104		
Lead	2.41		mg/l	0.0150	2.50		96	75.8-108		
Chromium	2.57		mg/l	0.0100	2.50		103	81.1-107		
Silver	2.38		mg/l	0.0100	2.50		95	47.9-114		
Cadmium	2.60		mg/l	0.0050	2.50		104	81.3-109		
Arsenic	2.33		mg/l	0.0080	2.50		93	75.7-104		
Barium	2.47		mg/l	0.0100	2.50		99	85.1-119		
LCS Dup (7052309-BSD1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.36		mg/l	0.0300	2.50		94	75.1-104	0.4	20
Lead	2.42		mg/l	0.0150	2.50		97	75.8-108	0.4	20
Silver	2.40		mg/l	0.0100	2.50		96	47.9-114	0.8	20
Chromium	2.60		mg/l	0.0100	2.50		104	81.1-107	1	20
Cadmium	2.63		mg/l	0.0050	2.50		105	81.3-109	1	20
Arsenic	2.35		mg/l	0.0080	2.50		94	75.7-104	0.9	20
Barium	2.47		mg/l	0.0100	2.50		99	85.1-119	0	20
Duplicate (7052309-DUP1) **Source: SA62684-01**										
Prepared & Analyzed: 31-May-07										
Lead	0.0356		mg/l	0.0150		0.0377			6	20
Selenium	BRL		mg/l	0.0300		BRL				20
Chromium	0.0064	J	mg/l	0.0100		BRL				20
Cadmium	0.0003	J	mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	BRL		mg/l	0.0080		BRL				20
Barium	0.0145		mg/l	0.0100		0.0144			0.7	20
Matrix Spike (7052309-MS1) **Source: SA62668-01**										
Prepared & Analyzed: 31-May-07										
Lead	2.35		mg/l	0.0150	2.50	0.0275	93	72.5-110		
Selenium	2.25		mg/l	0.0300	2.50	BRL	90	78.1-102		
Arsenic	2.24		mg/l	0.0080	2.50	BRL	90	85.4-98.8		
Chromium	2.47		mg/l	0.0100	2.50	BRL	99	81.5-106		
Cadmium	2.50		mg/l	0.0050	2.50	0.0003	100	81.2-109		
Silver	2.30		mg/l	0.0100	2.50	BRL	92	62.7-106		
Barium	2.44		mg/l	0.0100	2.50	0.0078	97	88.9-114		
Matrix Spike Dup (7052309-MSD1) **Source: SA62668-01**										
Prepared & Analyzed: 31-May-07										
Selenium	2.25		mg/l	0.0300	2.50	BRL	90	78.1-102	0	35
Lead	2.34		mg/l	0.0150	2.50	0.0275	92	72.5-110	0.4	35
Chromium	2.45		mg/l	0.0100	2.50	BRL	98	81.5-106	0.8	35
Cadmium	2.49		mg/l	0.0050	2.50	0.0003	100	81.2-109	0.4	35

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 7052309 - SW846 3010A										
Matrix Spike Dup (7052309-MSD1) Source: SA62668-01										
Prepared & Analyzed: 31-May-07										
Silver	2.28		mg/l	0.0100	2.50	BRL	91	62.7-106	0.9	35
Arsenic	2.24		mg/l	0.0080	2.50	BRL	90	85.4-98.8	0	35
Barium	2.40		mg/l	0.0100	2.50	0.0078	96	88.9-114	2	35
Post Spike (7052309-PS1) Source: SA62668-01										
Prepared & Analyzed: 31-May-07										
Lead	4.80		mg/l	0.0150	5.00	0.0275	95	70.4-112		
Selenium	4.74		mg/l	0.0300	5.00	BRL	95	73.6-105		
Arsenic	4.75		mg/l	0.0080	5.00	BRL	95	77.1-104		
Chromium	5.04		mg/l	0.0100	5.00	BRL	101	78.8-109		
Cadmium	5.09		mg/l	0.0050	5.00	0.0003	102	78.2-111		
Barium	4.97		mg/l	0.0100	5.00	0.0078	99	86.8-118		
Batch 7052310 - EPA200/SW7000 Series										
Blank (7052310-BLK1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052310-BS1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00236		mg/l	0.00020	0.00250		94	66.6-117		
Duplicate (7052310-DUP1) Source: SA62684-01										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00012	J	mg/l	0.00020		0.00014			15	20
Matrix Spike (7052310-MS1) Source: SA62668-01										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00317		mg/l	0.00020	0.00250	0.00072	98	76.1-111		
Matrix Spike Dup (7052310-MSD1) Source: SA62668-01										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00306		mg/l	0.00020	0.00250	0.00072	94	76.1-111	4	35
Post Spike (7052310-PS1) Source: SA62668-01										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00321		mg/l	0.00020	0.00250	0.00072	100	66.8-110		
Batch 7052311 - SW846 3010A										
Blank (7052311-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0300						
Cadmium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0250						
LCS (7052311-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.87	QB2	mg/l	0.0300	2.50		115	75.1-104		
Lead	2.49		mg/l	0.0150	2.50		100	75.8-108		
Silver	2.46		mg/l	0.0100	2.50		98	47.9-114		
Arsenic	2.76	QC2	mg/l	0.0300	2.50		110	75.7-104		

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052311 - SW846 3010A										
LCS (7052311-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Cadmium	2.78	QC3	mg/l	0.0050	2.50		111	81.3-109		
Chromium	2.43		mg/l	0.0100	2.50		97	81.1-107		
Barium	2.67		mg/l	0.0250	2.50		107	85.1-119		
LCS Dup (7052311-BSD1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.86	QB2	mg/l	0.0300	2.50		114	75.1-104	0.3	20
Lead	2.47		mg/l	0.0150	2.50		99	75.8-108	0.8	20
Arsenic	2.76	QC2	mg/l	0.0300	2.50		110	75.7-104	0	20
Silver	2.39		mg/l	0.0100	2.50		96	47.9-114	3	20
Cadmium	2.77	QC3	mg/l	0.0050	2.50		111	81.3-109	0.4	20
Chromium	2.35		mg/l	0.0100	2.50		94	81.1-107	3	20
Barium	2.60		mg/l	0.0250	2.50		104	85.1-119	3	20
Duplicate (7052311-DUP1) **Source: SA62705-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	0.0252		mg/l	0.0150		0.0240			5	20
Selenium	0.0111	J	mg/l	0.0300		0.0113			2	20
Cadmium	0.0003	J,QR4	mg/l	0.0050		0.0004			29	20
Silver	BRL		mg/l	0.0100		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Arsenic	0.0096	J	mg/l	0.0300		0.0100			4	20
Barium	0.0127	J	mg/l	0.0250		0.0112			13	20
Matrix Spike (7052311-MS1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	2.41		mg/l	0.0150	2.50	0.0062	96	72.5-110		
Selenium	2.72	QM7	mg/l	0.0300	2.50	0.0104	108	78.1-102		
Cadmium	2.68		mg/l	0.0050	2.50	0.0018	107	81.2-109		
Arsenic	2.66	QM7	mg/l	0.0300	2.50	0.0083	106	85.4-98.8		
Chromium	2.42		mg/l	0.0100	2.50	BRL	97	81.5-106		
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.7-106		
Barium	2.66		mg/l	0.0250	2.50	0.0166	106	88.9-114		
Matrix Spike Dup (7052311-MSD1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	2.42		mg/l	0.0150	2.50	0.0062	97	72.5-110	0.4	35
Selenium	2.76	QM7	mg/l	0.0300	2.50	0.0104	110	78.1-102	1	35
Chromium	2.41		mg/l	0.0100	2.50	BRL	96	81.5-106	0.4	35
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.7-106	0	35
Arsenic	2.69	QM7	mg/l	0.0300	2.50	0.0083	107	85.4-98.8	1	35
Cadmium	2.70		mg/l	0.0050	2.50	0.0018	108	81.2-109	0.7	35
Barium	2.62		mg/l	0.0250	2.50	0.0166	104	88.9-114	2	35
Post Spike (7052311-PS1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.84	QC1	mg/l	0.0300	2.50	0.0104	113	73.6-105		
Lead	2.48		mg/l	0.0150	2.50	0.0062	99	70.4-112		
Cadmium	2.77		mg/l	0.0050	2.50	0.0018	111	78.2-111		
Chromium	2.45		mg/l	0.0100	2.50	BRL	98	78.8-109		
Arsenic	2.77	QC1	mg/l	0.0300	2.50	0.0083	110	77.1-104		
Barium	2.67		mg/l	0.0250	2.50	0.0166	106	86.8-118		
Batch 7052312 - EPA200/SW7000 Series										

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 7052312 - EPA200/SW7000 Series										
Blank (7052312-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052312-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00261		mg/l	0.00020	0.00250		104	66.6-117		
Duplicate (7052312-DUP1) **Source: SA62705-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7052312-MS1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00257		mg/l	0.00020	0.00250	BRL	103	76.1-111		
Matrix Spike Dup (7052312-MSD1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00278		mg/l	0.00020	0.00250	BRL	111	76.1-111	8	35
Post Spike (7052312-PS1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00259		mg/l	0.00020	0.00250	BRL	104	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052275 - General Preparation										
Duplicate (7052275-DUP1) **Source: SA62657-03**										
Prepared: 30-May-07 Analyzed: 31-May-07										
% Solids	92.5		%			92.6			0.1	20
Batch 7052276 - General Preparation										
Duplicate (7052276-DUP1) **Source: SA62687-02**										
Prepared: 30-May-07 Analyzed: 31-May-07										
% Solids	84.7		%			84.1			0.7	20

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR5	RPD out of acceptance range.
R01	The Reporting Limit for this analyte has been raised to account for matrix interference.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Christopher Hall
Nicole Brown

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

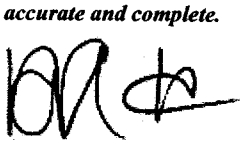
Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: NHRY - Component Change Out Facility, CT	NHRY - Component Change Out Facility, CT/ 301-88
This Form Provides certifications for the following data set: SA62687-01 SA62687-11 SA62687-02 SA62687-12 SA62687-03 SA62687-04 SA62687-05 SA62687-06 SA62687-07 SA62687-08 SA62687-09 SA62687-10	List Specific Analytical Methods Used: +CT ETPH EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

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

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

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

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



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

Date: 6/6/2007

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

SA 626870

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

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

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stock - Maguire Group

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 304-88
Site Name: NHRY Component Change Out Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C. Cassuto

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	Base Neutrals/Acid extractables - 8270	Pesticides - 8081A	PCBs - 8082	Total RCRA 8 Metals	sPLP RCRA 8 Metals
626870-01	CCO-1 2'-4'	5/23/07		C	SO		3	1			X	X	X	X	X	X	X
-02	CCO-2 2'-4'																
-03	CCO-3 2'-4'																
-04	CCO-4 2'-4'																
-05	CCO-5 4'-8'																
-06	CCO-6 2'-4'																
-07	CCO-7 4'-8'																
-08	CCO-8 2'-4'																
-09	CCO-9 2'-4'																
-10	CCO-1 GW			G	GW		4			1							

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CTDEP GB PMC + RDec

☐ Fax results when available to (____) _____
☒ E-mail to ckelogicalenvironmental.com
EDD Format PDF

	Relinquished by:	Received by:	Date:	Time:
			5/24/07	10:25AM
			5-24-07	15:15

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.1C

Cooler 30 13 1

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

62687

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - MGI

Invoice To: CTDOT - DAS Contract c/o LES
P.O. No.: _____ RQN: _____

Project No.: 301-88
Site Name: NHRY Component Change Out
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260	CTETPH	Base Neutrals / Acid Extractables 8270	Pesticides 8081	PCBs-8082	Total RCRA 8 metals			QA Reporting Notes: (check if needed)
62687 11	FB-1	5/20/07			X1		3	3		1		X	X	X	X	X	X			
↓ -12	TB-2	↓			X1		1					X								

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

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

State specific reporting standards: CTDEP GB PMC + RDEC

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.1C Cooler

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	5/24/07	10:29AM
[signature]	[signature]	5-24-07	15:15

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052253 - SW846 5035A Soil (low level)										
Blank (7052253-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
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						
Styrene	BRL		µg/kg wet	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052253 - SW846 5035A Soil (low level)										
Blank (7052253-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*42.7*		µg/kg wet		*50.0*		*85*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.6*		µg/kg wet		*50.0*		*121*	*70-130*		
Surrogate: Dibromofluoromethane	*47.6*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS (7052253-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.6		µg/kg wet		20.0		113	70-130		
Acetone	9.0		µg/kg wet		20.0		45	1.77-175		
Acrylonitrile	22.1		µg/kg wet		20.0		110	70-130		
Benzene	14.2		µg/kg wet		20.0		71	70-130		
Bromobenzene	19.7		µg/kg wet		20.0		98	70-130		
Bromochloromethane	21.3		µg/kg wet		20.0		106	70-130		
Bromodichloromethane	21.1		µg/kg wet		20.0		106	70-130		
Bromoform	22.0		µg/kg wet		20.0		110	70-130		
Bromomethane	18.3		µg/kg wet		20.0		92	55.3-136		
2-Butanone (MEK)	12.9		µg/kg wet		20.0		64	38.8-142		
n-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
sec-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
tert-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
Carbon disulfide	18.8		µg/kg wet		20.0		94	70-130		
Carbon tetrachloride	20.7		µg/kg wet		20.0		104	70-130		
Chlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Chloroethane	22.3		µg/kg wet		20.0		112	55.3-130		
Chloroform	19.4		µg/kg wet		20.0		97	70-130		
Chloromethane	27.5	QC1	µg/kg wet		20.0		138	70-130		
2-Chlorotoluene	17.0		µg/kg wet		20.0		85	70-130		
4-Chlorotoluene	17.2		µg/kg wet		20.0		86	70-130		
1,2-Dibromo-3-chloropropane	30.2	QC1	µg/kg wet		20.0		151	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052253 - SW846 5035A Soil (low level)										
LCS (7052253-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Dibromochloromethane	24.0		µg/kg wet		20.0		120	64.7-139		
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130		
Dibromomethane	23.0		µg/kg wet		20.0		115	70-130		
1,2-Dichlorobenzene	20.9		µg/kg wet		20.0		104	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)	34.0	QC2	µg/kg wet		20.0		170	34.4-167		
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichloroethane	20.4		µg/kg wet		20.0		102	70-130		
1,1-Dichloroethene	16.0		µg/kg wet		20.0		80	70-130		
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,2-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130		
1,2-Dichloropropane	15.4		µg/kg wet		20.0		77	70-130		
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130		
2,2-Dichloropropane	17.5		µg/kg wet		20.0		88	70-130		
1,1-Dichloropropene	16.1		µg/kg wet		20.0		80	70-130		
cis-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130		
trans-1,3-Dichloropropene	17.3		µg/kg wet		20.0		86	70-130		
Ethylbenzene	18.6		µg/kg wet		20.0		93	70-130		
Hexachlorobutadiene	19.5		µg/kg wet		20.0		98	60.7-140		
2-Hexanone (MBK)	19.4		µg/kg wet		20.0		97	70-130		
Isopropylbenzene	16.5		µg/kg wet		20.0		82	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	22.4		µg/kg wet		20.0		112	46.1-145		
Methylene chloride	22.3		µg/kg wet		20.0		112	70-130		
Naphthalene	31.1	QC2	µg/kg wet		20.0		156	70-130		
n-Propylbenzene	15.3		µg/kg wet		20.0		76	70-130		
Styrene	17.4		µg/kg wet		20.0		87	70-130		
1,1,1,2-Tetrachloroethane	22.8		µg/kg wet		20.0		114	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130		
Toluene	17.7		µg/kg wet		20.0		88	70-130		
1,2,3-Trichlorobenzene	27.8	QC2	µg/kg wet		20.0		139	70-130		
1,2,4-Trichlorobenzene	25.0		µg/kg wet		20.0		125	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		96	70-130		
Trichloroethene	23.0		µg/kg wet		20.0		115	70-130		
Trichlorofluoromethane (Freon 11)	14.8		µg/kg wet		20.0		74	56.8-140		
1,2,3-Trichloropropane	23.9		µg/kg wet		20.0		120	70-130		
1,2,4-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3,5-Trimethylbenzene	18.1		µg/kg wet		20.0		90	70-130		
Vinyl chloride	24.9		µg/kg wet		20.0		124	70-130		
m,p-Xylene	36.3		µg/kg wet		40.0		91	70-130		
o-Xylene	18.8		µg/kg wet		20.0		94	70-130		
Tetrahydrofuran	21.2		µg/kg wet		20.0		106	70-130		
Ethyl ether	20.5		µg/kg wet		20.0		102	65.3-130		
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	19.8		µg/kg wet		20.0		99	70-130		
Di-isopropyl ether	17.8		µg/kg wet		20.0		89	70-130		
Tert-Butanol / butyl alcohol	233		µg/kg wet		200		116	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052253 - SW846 5035A Soil (low level)										
LCS (7052253-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
1,4-Dioxane	238		µg/kg wet		200		119	34-155		
Surrogate: 4-Bromofluorobenzene	*45.7*		µg/kg wet		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*46.2*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*43.5*		µg/kg wet		*50.0*		*87*	*70-130*		
LCS Dup (7052253-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.3	QC1	µg/kg wet		20.0		136	70-130	18	25
Acetone	9.2		µg/kg wet		20.0		46	1.77-175	2	50
Acrylonitrile	19.2		µg/kg wet		20.0		96	70-130	14	25
Benzene	14.0		µg/kg wet		20.0		70	70-130	1	25
Bromobenzene	18.8		µg/kg wet		20.0		94	70-130	4	25
Bromochloromethane	17.5		µg/kg wet		20.0		88	70-130	19	25
Bromodichloromethane	22.7		µg/kg wet		20.0		114	70-130	7	25
Bromoform	19.6		µg/kg wet		20.0		98	70-130	12	25
Bromomethane	16.9		µg/kg wet		20.0		84	55.3-136	9	50
2-Butanone (MEK)	11.5		µg/kg wet		20.0		58	38.8-142	10	50
n-Butylbenzene	29.5	QC2	µg/kg wet		20.0		148	70-130	29	25
sec-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	4	25
tert-Butylbenzene	16.7		µg/kg wet		20.0		84	70-130	6	25
Carbon disulfide	17.6		µg/kg wet		20.0		88	70-130	7	25
Carbon tetrachloride	21.6		µg/kg wet		20.0		108	70-130	4	25
Chlorobenzene	19.8		µg/kg wet		20.0		99	70-130	4	25
Chloroethane	20.3		µg/kg wet		20.0		102	55.3-130	9	50
Chloroform	19.3		µg/kg wet		20.0		96	70-130	1	25
Chloromethane	25.3		µg/kg wet		20.0		126	70-130	9	25
2-Chlorotoluene	15.1		µg/kg wet		20.0		76	70-130	11	25
4-Chlorotoluene	18.7		µg/kg wet		20.0		94	70-130	9	25
1,2-Dibromo-3-chloropropane	26.1		µg/kg wet		20.0		130	70-130	15	25
Dibromochloromethane	23.1		µg/kg wet		20.0		116	64.7-139	3	50
1,2-Dibromoethane (EDB)	21.4		µg/kg wet		20.0		107	70-130	0.9	25
Dibromomethane	21.6		µg/kg wet		20.0		108	70-130	6	25
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	1	25
1,3-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130	1	25
1,4-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	6	25
Dichlorodifluoromethane (Freon12)	39.0	QC2	µg/kg wet		20.0		195	34.4-167	14	50
1,1-Dichloroethane	16.5		µg/kg wet		20.0		82	70-130	4	25
1,2-Dichloroethane	19.8		µg/kg wet		20.0		99	70-130	3	25
1,1-Dichloroethene	17.4		µg/kg wet		20.0		87	70-130	8	25
cis-1,2-Dichloroethene	17.7		µg/kg wet		20.0		88	70-130	3	25
trans-1,2-Dichloroethene	17.6		µg/kg wet		20.0		88	70-130	0	25
1,2-Dichloropropane	16.2		µg/kg wet		20.0		81	70-130	5	25
1,3-Dichloropropane	16.1		µg/kg wet		20.0		80	70-130	25	25
2,2-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	1	25
1,1-Dichloropropene	18.4		µg/kg wet		20.0		92	70-130	14	25
cis-1,3-Dichloropropene	17.1		µg/kg wet		20.0		86	70-130	6	25
trans-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130	2	25
Ethylbenzene	18.4		µg/kg wet		20.0		92	70-130	1	25
Hexachlorobutadiene	24.3		µg/kg wet		20.0		122	60.7-140	22	50
2-Hexanone (MBK)	18.0		µg/kg wet		20.0		90	70-130	7	25
Isopropylbenzene	16.1		µg/kg wet		20.0		80	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052253 - SW846 5035A Soil (low level)										
LCS Dup (7052253-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
4-Isopropyltoluene	23.4		µg/kg wet		20.0		117	70-130	14	25
Methyl tert-butyl ether	19.0		µg/kg wet		20.0		95	70-130	5	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	46.1-145	11	50
Methylene chloride	21.2		µg/kg wet		20.0		106	70-130	6	25
Naphthalene	28.9	QC2	µg/kg wet		20.0		144	70-130	8	25
n-Propylbenzene	15.9		µg/kg wet		20.0		80	70-130	5	25
Styrene	16.4		µg/kg wet		20.0		82	70-130	6	25
1,1,1,2-Tetrachloroethane	21.5		µg/kg wet		20.0		108	70-130	5	25
1,1,2,2-Tetrachloroethane	18.9		µg/kg wet		20.0		94	70-130	10	25
Tetrachloroethene	17.8		µg/kg wet		20.0		89	70-130	9	25
Toluene	18.1		µg/kg wet		20.0		90	70-130	2	25
1,2,3-Trichlorobenzene	28.0	QC2	µg/kg wet		20.0		140	70-130	0.7	25
1,2,4-Trichlorobenzene	28.0	QC1	µg/kg wet		20.0		140	70-130	11	25
1,1,1-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	3	25
1,1,2-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130	12	25
Trichloroethene	17.3	QR2	µg/kg wet		20.0		86	70-130	29	25
Trichlorofluoromethane (Freon 11)	15.8		µg/kg wet		20.0		79	56.8-140	7	50
1,2,3-Trichloropropane	20.7		µg/kg wet		20.0		104	70-130	14	25
1,2,4-Trimethylbenzene	19.6		µg/kg wet		20.0		98	70-130	1	25
1,3,5-Trimethylbenzene	18.0		µg/kg wet		20.0		90	70-130	0	25
Vinyl chloride	23.4		µg/kg wet		20.0		117	70-130	6	25
m,p-Xylene	36.2		µg/kg wet		40.0		90	70-130	1	25
o-Xylene	18.2		µg/kg wet		20.0		91	70-130	3	25
Tetrahydrofuran	18.8		µg/kg wet		20.0		94	70-130	12	25
Ethyl ether	19.2		µg/kg wet		20.0		96	65.3-130	6	50
Tert-amyl methyl ether	18.6		µg/kg wet		20.0		93	70-130	9	25
Ethyl tert-butyl ether	18.8		µg/kg wet		20.0		94	70-130	5	25
Di-isopropyl ether	16.9		µg/kg wet		20.0		84	70-130	6	25
Tert-Butanol / butyl alcohol	177	QR2	µg/kg wet		200		88	70-130	27	25
1,4-Dioxane	146	QR2	µg/kg wet		200		73	34-155	48	25
Surrogate: 4-Bromofluorobenzene	*44.7*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*46.5*		µg/kg wet		*50.0*		*93*	*70-130*		
Batch 7060083 - SW846 5035A Soil (low level)										
Blank (7060083-BLK1)										
Prepared & Analyzed: 01-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060083 - SW846 5035A Soil (low level)										
Blank (7060083-BLK1)										
Prepared & Analyzed: 01-Jun-07										
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060083 - SW846 5035A Soil (low level)										
Blank (7060083-BLK1)										
Prepared & Analyzed: 01-Jun-07										
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*44.5*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (7060083-BS1)										
Prepared & Analyzed: 01-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.5		µg/kg wet		20.0		118	70-130		
Acetone	10.4		µg/kg wet		20.0		52	1.77-175		
Acrylonitrile	24.9		µg/kg wet		20.0		124	70-130		
Benzene	15.5		µg/kg wet		20.0		78	70-130		
Bromobenzene	20.3		µg/kg wet		20.0		102	70-130		
Bromochloromethane	19.6		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromoform	20.2		µg/kg wet		20.0		101	70-130		
Bromomethane	14.4		µg/kg wet		20.0		72	55.3-136		
2-Butanone (MEK)	11.6		µg/kg wet		20.0		58	38.8-142		
n-Butylbenzene	24.1		µg/kg wet		20.0		120	70-130		
sec-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
tert-Butylbenzene	21.1		µg/kg wet		20.0		106	70-130		
Carbon disulfide	21.0		µg/kg wet		20.0		105	70-130		
Carbon tetrachloride	19.2		µg/kg wet		20.0		96	70-130		
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
Chloroethane	23.0		µg/kg wet		20.0		115	55.3-130		
Chloroform	20.1		µg/kg wet		20.0		100	70-130		
Chloromethane	22.9		µg/kg wet		20.0		114	70-130		
2-Chlorotoluene	17.1		µg/kg wet		20.0		86	70-130		
4-Chlorotoluene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dibromo-3-chloropropane	28.3	QC1	µg/kg wet		20.0		142	70-130		
Dibromochloromethane	21.9		µg/kg wet		20.0		110	64.7-139		
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		106	70-130		
Dibromomethane	22.0		µg/kg wet		20.0		110	70-130		
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
1,3-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
1,4-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	30.0		µg/kg wet		20.0		150	34.4-167		
1,1-Dichloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,2-Dichloroethane	18.3		µg/kg wet		20.0		92	70-130		
1,1-Dichloroethene	18.4		µg/kg wet		20.0		92	70-130		
cis-1,2-Dichloroethene	20.9		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
1,2-Dichloropropane	17.8		µg/kg wet		20.0		89	70-130		
1,3-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060083 - SW846 5035A Soil (low level)										
LCS (7060083-BS1)										
Prepared & Analyzed: 01-Jun-07										
2,2-Dichloropropane	18.9		µg/kg wet		20.0		94	70-130		
1,1-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130		
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
trans-1,3-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130		
Ethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	21.8		µg/kg wet		20.0		109	60.7-140		
2-Hexanone (MBK)	21.9		µg/kg wet		20.0		110	70-130		
Isopropylbenzene	18.9		µg/kg wet		20.0		94	70-130		
4-Isopropyltoluene	23.0		µg/kg wet		20.0		115	70-130		
Methyl tert-butyl ether	19.9		µg/kg wet		20.0		100	70-130		
4-Methyl-2-pentanone (MIBK)	24.8		µg/kg wet		20.0		124	46.1-145		
Methylene chloride	22.3		µg/kg wet		20.0		112	70-130		
Naphthalene	28.7	QC2	µg/kg wet		20.0		144	70-130		
n-Propylbenzene	18.4		µg/kg wet		20.0		92	70-130		
Styrene	19.3		µg/kg wet		20.0		96	70-130		
1,1,1,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2,2-Tetrachloroethane	22.9		µg/kg wet		20.0		114	70-130		
Tetrachloroethene	20.6		µg/kg wet		20.0		103	70-130		
Toluene	17.9		µg/kg wet		20.0		90	70-130		
1,2,3-Trichlorobenzene	26.0		µg/kg wet		20.0		130	70-130		
1,2,4-Trichlorobenzene	25.2		µg/kg wet		20.0		126	70-130		
1,1,1-Trichloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130		
Trichloroethene	15.6		µg/kg wet		20.0		78	70-130		
Trichlorofluoromethane (Freon 11)	14.9		µg/kg wet		20.0		74	56.8-140		
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Vinyl chloride	23.3		µg/kg wet		20.0		116	70-130		
m,p-Xylene	40.7		µg/kg wet		40.0		102	70-130		
o-Xylene	20.7		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	22.6		µg/kg wet		20.0		113	70-130		
Ethyl ether	22.1		µg/kg wet		20.0		110	65.3-130		
Tert-amyl methyl ether	18.9		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	18.7		µg/kg wet		20.0		94	70-130		
Tert-Butanol / butyl alcohol	230		µg/kg wet		200		115	70-130		
1,4-Dioxane	230		µg/kg wet		200		115	34-155		
Surrogate: 4-Bromofluorobenzene	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*45.0*		µg/kg wet		*50.0*		*90*	*70-130*		
Surrogate: Dibromofluoromethane	*41.0*		µg/kg wet		*50.0*		*82*	*70-130*		
LCS Dup (7060083-BSD1)										
Prepared & Analyzed: 01-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.9		µg/kg wet		20.0		120	70-130	2	25
Acetone	8.8		µg/kg wet		20.0		44	1.77-175	17	50
Acrylonitrile	19.3		µg/kg wet		20.0		96	70-130	25	25
Benzene	14.2		µg/kg wet		20.0		71	70-130	9	25
Bromobenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromochloromethane	19.0		µg/kg wet		20.0		95	70-130	3	25
Bromodichloromethane	18.1		µg/kg wet		20.0		90	70-130	12	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060083 - SW846 5035A Soil (low level)										
LCS Dup (7060083-BSD1)										
Prepared & Analyzed: 01-Jun-07										
Bromoform	19.6		µg/kg wet		20.0		98	70-130	3	25
Bromomethane	12.4		µg/kg wet		20.0		62	55.3-136	15	50
2-Butanone (MEK)	14.3		µg/kg wet		20.0		72	38.8-142	22	50
n-Butylbenzene	23.7		µg/kg wet		20.0		118	70-130	2	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	7	25
tert-Butylbenzene	20.0		µg/kg wet		20.0		100	70-130	6	25
Carbon disulfide	20.7		µg/kg wet		20.0		104	70-130	1	25
Carbon tetrachloride	18.2		µg/kg wet		20.0		91	70-130	5	25
Chlorobenzene	21.0		µg/kg wet		20.0		105	70-130	2	25
Chloroethane	18.3		µg/kg wet		20.0		92	55.3-130	22	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	7	25
Chloromethane	22.1		µg/kg wet		20.0		110	70-130	4	25
2-Chlorotoluene	16.8		µg/kg wet		20.0		84	70-130	2	25
4-Chlorotoluene	19.8		µg/kg wet		20.0		99	70-130	4	25
1,2-Dibromo-3-chloropropane	23.7		µg/kg wet		20.0		118	70-130	18	25
Dibromochloromethane	16.9		µg/kg wet		20.0		84	64.7-139	27	50
1,2-Dibromoethane (EDB)	20.5		µg/kg wet		20.0		102	70-130	4	25
Dibromomethane	18.5		µg/kg wet		20.0		92	70-130	18	25
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	2	25
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	2	25
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	4	25
Dichlorodifluoromethane (Freon12)	30.2		µg/kg wet		20.0		151	34.4-167	0.7	50
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	1	25
1,2-Dichloroethane	17.7		µg/kg wet		20.0		88	70-130	4	25
1,1-Dichloroethene	18.3		µg/kg wet		20.0		92	70-130	0	25
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94	70-130	10	25
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130	7	25
1,2-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130	2	25
1,3-Dichloropropane	15.1	QR2	µg/kg wet		20.0		76	70-130	29	25
2,2-Dichloropropane	18.8		µg/kg wet		20.0		94	70-130	0	25
1,1-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130	7	25
cis-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	5	25
trans-1,3-Dichloropropene	15.5		µg/kg wet		20.0		78	70-130	16	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	2	25
Hexachlorobutadiene	21.5		µg/kg wet		20.0		108	60.7-140	0.9	50
2-Hexanone (MBK)	18.0		µg/kg wet		20.0		90	70-130	20	25
Isopropylbenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
4-Isopropyltoluene	22.1		µg/kg wet		20.0		110	70-130	4	25
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		96	70-130	4	25
4-Methyl-2-pentanone (MIBK)	19.9		µg/kg wet		20.0		100	46.1-145	21	50
Methylene chloride	21.5		µg/kg wet		20.0		108	70-130	4	25
Naphthalene	28.3	QC2	µg/kg wet		20.0		142	70-130	1	25
n-Propylbenzene	17.9		µg/kg wet		20.0		90	70-130	2	25
Styrene	18.3		µg/kg wet		20.0		92	70-130	4	25
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130	4	25
1,1,2,2-Tetrachloroethane	21.6		µg/kg wet		20.0		108	70-130	5	25
Tetrachloroethene	16.0		µg/kg wet		20.0		80	70-130	25	25
Toluene	17.4		µg/kg wet		20.0		87	70-130	3	25
1,2,3-Trichlorobenzene	25.6		µg/kg wet		20.0		128	70-130	2	25
1,2,4-Trichlorobenzene	25.1		µg/kg wet		20.0		126	70-130	0	25
1,1,1-Trichloroethane	18.8		µg/kg wet		20.0		94	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060083 - SW846 5035A Soil (low level)										
LCS Dup (7060083-BSD1)										
Prepared & Analyzed: 01-Jun-07										
1,1,2-Trichloroethane	18.7		µg/kg wet		20.0		94	70-130	16	25
Trichloroethene	16.2		µg/kg wet		20.0		81	70-130	4	25
Trichlorofluoromethane (Freon 11)	18.9		µg/kg wet		20.0		94	56.8-140	24	50
1,2,3-Trichloropropane	22.6		µg/kg wet		20.0		113	70-130	0.9	25
1,2,4-Trimethylbenzene	19.8		µg/kg wet		20.0		99	70-130	5	25
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	4	25
Vinyl chloride	23.5		µg/kg wet		20.0		118	70-130	2	25
m,p-Xylene	39.3		µg/kg wet		40.0		98	70-130	4	25
o-Xylene	20.2		µg/kg wet		20.0		101	70-130	3	25
Tetrahydrofuran	18.6		µg/kg wet		20.0		93	70-130	19	25
Ethyl ether	20.9		µg/kg wet		20.0		104	65.3-130	6	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90	70-130	4	25
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130	0	25
Di-isopropyl ether	19.2		µg/kg wet		20.0		96	70-130	2	25
Tert-Butanol / butyl alcohol	162	QR2	µg/kg wet		200		81	70-130	35	25
1,4-Dioxane	165	QR2	µg/kg wet		200		82	34-155	34	25
Surrogate: 4-Bromofluorobenzene	*46.9*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Toluene-d8	*47.7*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*42.5*		µg/kg wet		*50.0*		*85*	*70-130*		
Surrogate: Dibromofluoromethane	*41.4*		µg/kg wet		*50.0*		*83*	*70-130*		
Batch 7060141 - SW846 5035A Soil (low level)										
Blank (7060141-BLK1)										
Prepared & Analyzed: 02-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060141 - SW846 5035A Soil (low level)										
Blank (7060141-BLK1)										
Prepared & Analyzed: 02-Jun-07										
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.0*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS (7060141-BS1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060141 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.7		µg/kg wet		20.0		78	70-130		
Acetone	13.0		µg/kg wet		20.0		65	1.77-175		
Acrylonitrile	23.2		µg/kg wet		20.0		116	70-130		
Benzene	14.4		µg/kg wet		20.0		72	70-130		
Bromobenzene	17.6		µg/kg wet		20.0		88	70-130		
Bromochloromethane	18.4		µg/kg wet		20.0		92	70-130		
Bromodichloromethane	16.8		µg/kg wet		20.0		84	70-130		
Bromoform	19.7		µg/kg wet		20.0		98	70-130		
Bromomethane	15.2		µg/kg wet		20.0		76	55.3-136		
2-Butanone (MEK)	18.9		µg/kg wet		20.0		94	38.8-142		
n-Butylbenzene	15.1		µg/kg wet		20.0		76	70-130		
sec-Butylbenzene	15.7		µg/kg wet		20.0		78	70-130		
tert-Butylbenzene	15.5		µg/kg wet		20.0		78	70-130		
Carbon disulfide	15.6		µg/kg wet		20.0		78	70-130		
Carbon tetrachloride	14.2		µg/kg wet		20.0		71	70-130		
Chlorobenzene	16.1		µg/kg wet		20.0		80	70-130		
Chloroethane	15.7		µg/kg wet		20.0		78	55.3-130		
Chloroform	14.7		µg/kg wet		20.0		74	70-130		
Chloromethane	15.2		µg/kg wet		20.0		76	70-130		
2-Chlorotoluene	16.7		µg/kg wet		20.0		84	70-130		
4-Chlorotoluene	16.2		µg/kg wet		20.0		81	70-130		
1,2-Dibromo-3-chloropropane	20.0		µg/kg wet		20.0		100	70-130		
Dibromochloromethane	17.8		µg/kg wet		20.0		89	64.7-139		
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	16.2		µg/kg wet		20.0		81	70-130		
1,3-Dichlorobenzene	16.9		µg/kg wet		20.0		84	70-130		
1,4-Dichlorobenzene	15.7		µg/kg wet		20.0		78	70-130		
Dichlorodifluoromethane (Freon12)	16.1		µg/kg wet		20.0		80	34.4-167		
1,1-Dichloroethane	14.9		µg/kg wet		20.0		74	70-130		
1,2-Dichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,1-Dichloroethene	13.6	QC1	µg/kg wet		20.0		68	70-130		
cis-1,2-Dichloroethene	15.5		µg/kg wet		20.0		78	70-130		
trans-1,2-Dichloroethene	12.9	QC2	µg/kg wet		20.0		64	70-130		
1,2-Dichloropropane	16.1		µg/kg wet		20.0		80	70-130		
1,3-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130		
2,2-Dichloropropane	14.4		µg/kg wet		20.0		72	70-130		
1,1-Dichloropropene	14.2		µg/kg wet		20.0		71	70-130		
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130		
trans-1,3-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
Ethylbenzene	15.4		µg/kg wet		20.0		77	70-130		
Hexachlorobutadiene	14.8		µg/kg wet		20.0		74	60.7-140		
2-Hexanone (MBK)	21.0		µg/kg wet		20.0		105	70-130		
Isopropylbenzene	15.1		µg/kg wet		20.0		76	70-130		
4-Isopropyltoluene	15.7		µg/kg wet		20.0		78	70-130		
Methyl tert-butyl ether	18.0		µg/kg wet		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	23.8		µg/kg wet		20.0		119	46.1-145		
Methylene chloride	14.5		µg/kg wet		20.0		72	70-130		
Naphthalene	20.7		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	15.2		µg/kg wet		20.0		76	70-130		
Styrene	16.8		µg/kg wet		20.0		84	70-130		
1,1,1,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060141 - SW846 5035A Soil (low level)										
LCS (7060141-BS1)										
Prepared & Analyzed: 02-Jun-07										
1,1,2,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	14.0		µg/kg wet		20.0		70	70-130		
Toluene	14.8		µg/kg wet		20.0		74	70-130		
1,2,3-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130		
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130		
1,1,1-Trichloroethane	15.5		µg/kg wet		20.0		78	70-130		
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		96	70-130		
Trichloroethene	14.5		µg/kg wet		20.0		72	70-130		
Trichlorofluoromethane (Freon 11)	15.2		µg/kg wet		20.0		76	56.8-140		
1,2,3-Trichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,2,4-Trimethylbenzene	16.3		µg/kg wet		20.0		82	70-130		
1,3,5-Trimethylbenzene	16.4		µg/kg wet		20.0		82	70-130		
Vinyl chloride	17.1		µg/kg wet		20.0		86	70-130		
m,p-Xylene	30.9		µg/kg wet		40.0		77	70-130		
o-Xylene	16.4		µg/kg wet		20.0		82	70-130		
Tetrahydrofuran	18.9		µg/kg wet		20.0		94	70-130		
Ethyl ether	18.8		µg/kg wet		20.0		94	65.3-130		
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	18.3		µg/kg wet		20.0		92	70-130		
Di-isopropyl ether	16.7		µg/kg wet		20.0		84	70-130		
Tert-Butanol / butyl alcohol	240		µg/kg wet		200		120	70-130		
1,4-Dioxane	304		µg/kg wet		200		152	34-155		
Surrogate: 4-Bromofluorobenzene	*52.3*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.8*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS Dup (7060141-BSD1)										
Prepared & Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.8		µg/kg wet		20.0		79	70-130	1	25
Acetone	14.5		µg/kg wet		20.0		72	1.77-175	10	50
Acrylonitrile	23.3		µg/kg wet		20.0		116	70-130	0	25
Benzene	13.9		µg/kg wet		20.0		70	70-130	3	25
Bromobenzene	18.0		µg/kg wet		20.0		90	70-130	2	25
Bromochloromethane	17.9		µg/kg wet		20.0		90	70-130	2	25
Bromodichloromethane	16.6		µg/kg wet		20.0		83	70-130	1	25
Bromoform	21.8		µg/kg wet		20.0		109	70-130	11	25
Bromomethane	13.8		µg/kg wet		20.0		69	55.3-136	10	50
2-Butanone (MEK)	18.4		µg/kg wet		20.0		92	38.8-142	2	50
n-Butylbenzene	15.3		µg/kg wet		20.0		76	70-130	0	25
sec-Butylbenzene	16.4		µg/kg wet		20.0		82	70-130	5	25
tert-Butylbenzene	16.6		µg/kg wet		20.0		83	70-130	6	25
Carbon disulfide	13.0	QC1	µg/kg wet		20.0		65	70-130	18	25
Carbon tetrachloride	13.4	QC1	µg/kg wet		20.0		67	70-130	6	25
Chlorobenzene	17.1		µg/kg wet		20.0		86	70-130	7	25
Chloroethane	14.4		µg/kg wet		20.0		72	55.3-130	8	50
Chloroform	15.2		µg/kg wet		20.0		76	70-130	3	25
Chloromethane	15.3		µg/kg wet		20.0		76	70-130	0	25
2-Chlorotoluene	17.5		µg/kg wet		20.0		88	70-130	5	25
4-Chlorotoluene	16.5		µg/kg wet		20.0		82	70-130	1	25
1,2-Dibromo-3-chloropropane	21.7		µg/kg wet		20.0		108	70-130	8	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94	64.7-139	5	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060141 - SW846 5035A Soil (low level)										
LCS Dup (7060141-BSD1)										
Prepared & Analyzed: 02-Jun-07										
1,2-Dibromoethane (EDB)	20.8		µg/kg wet		20.0		104	70-130	3	25
Dibromomethane	18.2		µg/kg wet		20.0		91	70-130	2	25
1,2-Dichlorobenzene	16.1		µg/kg wet		20.0		80	70-130	1	25
1,3-Dichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	6	25
1,4-Dichlorobenzene	15.3		µg/kg wet		20.0		76	70-130	3	25
Dichlorodifluoromethane (Freon12)	16.7		µg/kg wet		20.0		84	34.4-167	5	50
1,1-Dichloroethane	15.0		µg/kg wet		20.0		75	70-130	1	25
1,2-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130	1	25
1,1-Dichloroethene	14.2		µg/kg wet		20.0		71	70-130	4	25
cis-1,2-Dichloroethene	15.1		µg/kg wet		20.0		76	70-130	3	25
trans-1,2-Dichloroethene	13.6	QC2	µg/kg wet		20.0		68	70-130	6	25
1,2-Dichloropropane	15.9		µg/kg wet		20.0		80	70-130	0	25
1,3-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130	1	25
2,2-Dichloropropane	14.5		µg/kg wet		20.0		72	70-130	0	25
1,1-Dichloropropene	14.0		µg/kg wet		20.0		70	70-130	1	25
cis-1,3-Dichloropropene	16.9		µg/kg wet		20.0		84	70-130	0	25
trans-1,3-Dichloropropene	18.3		µg/kg wet		20.0		92	70-130	1	25
Ethylbenzene	15.9		µg/kg wet		20.0		80	70-130	4	25
Hexachlorobutadiene	14.7		µg/kg wet		20.0		74	60.7-140	0	50
2-Hexanone (MBK)	20.7		µg/kg wet		20.0		104	70-130	1	25
Isopropylbenzene	15.0		µg/kg wet		20.0		75	70-130	1	25
4-Isopropyltoluene	16.2		µg/kg wet		20.0		81	70-130	4	25
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	2	25
4-Methyl-2-pentanone (MIBK)	20.2		µg/kg wet		20.0		101	46.1-145	16	50
Methylene chloride	15.0		µg/kg wet		20.0		75	70-130	4	25
Naphthalene	21.4		µg/kg wet		20.0		107	70-130	3	25
n-Propylbenzene	15.4		µg/kg wet		20.0		77	70-130	1	25
Styrene	17.5		µg/kg wet		20.0		88	70-130	5	25
1,1,1,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87	70-130	1	25
1,1,2,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130	8	25
Tetrachloroethene	14.9		µg/kg wet		20.0		74	70-130	6	25
Toluene	14.5		µg/kg wet		20.0		72	70-130	3	25
1,2,3-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	11	25
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89	70-130	0	25
1,1,1-Trichloroethane	14.8		µg/kg wet		20.0		74	70-130	5	25
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
Trichloroethene	15.1		µg/kg wet		20.0		76	70-130	5	25
Trichlorofluoromethane (Freon 11)	15.0		µg/kg wet		20.0		75	56.8-140	1	50
1,2,3-Trichloropropane	25.3		µg/kg wet		20.0		126	70-130	14	25
1,2,4-Trimethylbenzene	17.4		µg/kg wet		20.0		87	70-130	6	25
1,3,5-Trimethylbenzene	17.0		µg/kg wet		20.0		85	70-130	4	25
Vinyl chloride	15.8		µg/kg wet		20.0		79	70-130	8	25
m,p-Xylene	33.4		µg/kg wet		40.0		84	70-130	9	25
o-Xylene	17.8		µg/kg wet		20.0		89	70-130	8	25
Tetrahydrofuran	22.0		µg/kg wet		20.0		110	70-130	16	25
Ethyl ether	19.9		µg/kg wet		20.0		100	65.3-130	6	50
Tert-amyl methyl ether	20.4		µg/kg wet		20.0		102	70-130	8	25
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93	70-130	1	25
Di-isopropyl ether	16.5		µg/kg wet		20.0		82	70-130	2	25
Tert-Butanol / butyl alcohol	250		µg/kg wet		200		125	70-130	4	25
1,4-Dioxane	256		µg/kg wet		200		128	34-155	17	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060141 - SW846 5035A Soil (low level)										
LCS Dup (7060141-BSD1)										
Prepared & Analyzed: 02-Jun-07										
Surrogate: 4-Bromofluorobenzene	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.6*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Batch 7060182 - SW846 5035A Soil (low level)										
Blank (7060182-BLK1)										
Prepared & Analyzed: 04-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060182 - SW846 5035A Soil (low level)										
Blank (7060182-BLK1)										
Prepared & Analyzed: 04-Jun-07										
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.6*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS (7060182-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.4		µg/kg wet		20.0		112	70-130		
Acetone	6.9		µg/kg wet		20.0		34	1.77-175		
Acrylonitrile	20.8		µg/kg wet		20.0		104	70-130		
Benzene	19.0		µg/kg wet		20.0		95	70-130		
Bromobenzene	19.8		µg/kg wet		20.0		99	70-130		
Bromochloromethane	20.7		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromoform	18.5		µg/kg wet		20.0		92	70-130		
Bromomethane	22.1		µg/kg wet		20.0		110	55.3-136		
2-Butanone (MEK)	13.6		µg/kg wet		20.0		68	38.8-142		
n-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130		
sec-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130		
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Carbon disulfide	20.1		µg/kg wet		20.0		100	70-130		
Carbon tetrachloride	19.6		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060182 - SW846 5035A Soil (low level)										
LCS (7060182-BS1)										
Prepared & Analyzed: 04-Jun-07										
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130		
Chloroethane	22.1		µg/kg wet		20.0		110	55.3-130		
Chloroform	19.7		µg/kg wet		20.0		98	70-130		
Chloromethane	21.8		µg/kg wet		20.0		109	70-130		
2-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
4-Chlorotoluene	19.2		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	20.4		µg/kg wet		20.0		102	70-130		
Dibromochloromethane	21.0		µg/kg wet		20.0		105	64.7-139		
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130		
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130		
Dichlorodifluoromethane (Freon12)	24.5		µg/kg wet		20.0		122	34.4-167		
1,1-Dichloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130		
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130		
Hexachlorobutadiene	18.0		µg/kg wet		20.0		90	60.7-140		
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76	70-130		
Isopropylbenzene	18.6		µg/kg wet		20.0		93	70-130		
4-Isopropyltoluene	20.5		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	18.7		µg/kg wet		20.0		94	70-130		
4-Methyl-2-pentanone (MIBK)	20.8		µg/kg wet		20.0		104	46.1-145		
Methylene chloride	20.1		µg/kg wet		20.0		100	70-130		
Naphthalene	22.2		µg/kg wet		20.0		111	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Styrene	19.6		µg/kg wet		20.0		98	70-130		
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96	70-130		
Tetrachloroethene	20.2		µg/kg wet		20.0		101	70-130		
Toluene	20.0		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,2,4-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
Trichloroethene	20.1		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	21.6		µg/kg wet		20.0		108	56.8-140		
1,2,3-Trichloropropane	21.1		µg/kg wet		20.0		106	70-130		
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Vinyl chloride	25.9		µg/kg wet		20.0		130	70-130		
m,p-Xylene	38.8		µg/kg wet		40.0		97	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060182 - SW846 5035A Soil (low level)										
LCS (7060182-BS1)										
Prepared & Analyzed: 04-Jun-07										
o-Xylene	20.4		µg/kg wet		20.0		102	70-130		
Tetrahydrofuran	14.7		µg/kg wet		20.0		74	70-130		
Ethyl ether	21.6		µg/kg wet		20.0		108	65.3-130		
Tert-amyl methyl ether	20.3		µg/kg wet		20.0		102	70-130		
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
Di-isopropyl ether	17.4		µg/kg wet		20.0		87	70-130		
Tert-Butanol / butyl alcohol	183		µg/kg wet		200		92	70-130		
1,4-Dioxane	156		µg/kg wet		200		78	34-155		
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
LCS Dup (7060182-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.3		µg/kg wet		20.0		116	70-130	4	25
Acetone	8.6		µg/kg wet		20.0		43	1.77-175	23	50
Acrylonitrile	21.6		µg/kg wet		20.0		108	70-130	4	25
Benzene	20.2		µg/kg wet		20.0		101	70-130	6	25
Bromobenzene	20.9		µg/kg wet		20.0		104	70-130	5	25
Bromochloromethane	22.6		µg/kg wet		20.0		113	70-130	8	25
Bromodichloromethane	22.0		µg/kg wet		20.0		110	70-130	7	25
Bromoform	21.9		µg/kg wet		20.0		110	70-130	18	25
Bromomethane	23.3		µg/kg wet		20.0		116	55.3-136	5	50
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74	38.8-142	8	50
n-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130	2	25
sec-Butylbenzene	20.7		µg/kg wet		20.0		104	70-130	0	25
tert-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	4	25
Carbon disulfide	20.2		µg/kg wet		20.0		101	70-130	1	25
Carbon tetrachloride	20.3		µg/kg wet		20.0		102	70-130	4	25
Chlorobenzene	20.2		µg/kg wet		20.0		101	70-130	3	25
Chloroethane	24.0		µg/kg wet		20.0		120	55.3-130	9	50
Chloroform	21.7		µg/kg wet		20.0		108	70-130	10	25
Chloromethane	22.4		µg/kg wet		20.0		112	70-130	3	25
2-Chlorotoluene	21.0		µg/kg wet		20.0		105	70-130	5	25
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130	8	25
1,2-Dibromo-3-chloropropane	19.3		µg/kg wet		20.0		96	70-130	6	25
Dibromochloromethane	22.7		µg/kg wet		20.0		114	64.7-139	8	50
1,2-Dibromoethane (EDB)	25.3		µg/kg wet		20.0		126	70-130	15	25
Dibromomethane	21.2		µg/kg wet		20.0		106	70-130	11	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	5	25
1,4-Dichlorobenzene	18.8		µg/kg wet		20.0		94	70-130	5	25
Dichlorodifluoromethane (Freon12)	24.6		µg/kg wet		20.0		123	34.4-167	0.8	50
1,1-Dichloroethane	21.5		µg/kg wet		20.0		108	70-130	6	25
1,2-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130	8	25
1,1-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130	5	25
cis-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130	2	25
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	3	25
1,3-Dichloropropane	19.7		µg/kg wet		20.0		98	70-130	2	25
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	3	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060182 - SW846 5035A Soil (low level)										
LCS Dup (7060182-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130	1	25
cis-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130	9	25
trans-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	6	25
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
Hexachlorobutadiene	19.9		µg/kg wet		20.0		100	60.7-140	11	50
2-Hexanone (MBK)	16.4		µg/kg wet		20.0		82	70-130	8	25
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130	7	25
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130	1	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	9	25
4-Methyl-2-pentanone (MIBK)	22.9		µg/kg wet		20.0		114	46.1-145	9	50
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130	0	25
Naphthalene	21.9		µg/kg wet		20.0		110	70-130	0.9	25
n-Propylbenzene	19.9		µg/kg wet		20.0		100	70-130	2	25
Styrene	21.0		µg/kg wet		20.0		105	70-130	7	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	2	25
1,1,2,2-Tetrachloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
Tetrachloroethene	21.1		µg/kg wet		20.0		106	70-130	5	25
Toluene	20.6		µg/kg wet		20.0		103	70-130	3	25
1,2,3-Trichlorobenzene	22.1		µg/kg wet		20.0		110	70-130	6	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	2	25
1,1,1-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130	1	25
1,1,2-Trichloroethane	21.9		µg/kg wet		20.0		110	70-130	9	25
Trichloroethene	19.8		µg/kg wet		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	22.0		µg/kg wet		20.0		110	56.8-140	2	50
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130	5	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	2	25
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130	1	25
Vinyl chloride	25.3		µg/kg wet		20.0		126	70-130	3	25
m,p-Xylene	40.6		µg/kg wet		40.0		102	70-130	5	25
o-Xylene	20.3		µg/kg wet		20.0		102	70-130	0	25
Tetrahydrofuran	18.3		µg/kg wet		20.0		92	70-130	22	25
Ethyl ether	22.8		µg/kg wet		20.0		114	65.3-130	5	50
Tert-amyl methyl ether	22.3		µg/kg wet		20.0		112	70-130	9	25
Ethyl tert-butyl ether	21.3		µg/kg wet		20.0		106	70-130	3	25
Di-isopropyl ether	17.6		µg/kg wet		20.0		88	70-130	1	25
Tert-Butanol / butyl alcohol	204		µg/kg wet		200		102	70-130	10	25
1,4-Dioxane	204	QC1	µg/kg wet		200		102	34-155	27	25
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Batch 7060309 - SW846 5030 Soil (high level)										
Blank (7060309-BLK1)										
Prepared & Analyzed: 05-Jun-07										
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060309 - SW846 5030 Soil (high level)										
Blank (7060309-BLK1)										
Prepared & Analyzed: 05-Jun-07										
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060309 - SW846 5030 Soil (high level)										
Blank (7060309-BLK1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS (7060309-BS1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130		
Acetone	16.2		µg/kg wet		20.0		81	1.77-175		
Acrylonitrile	14.7		µg/kg wet		20.0		74	70-130		
Benzene	19.0		µg/kg wet		20.0		95	70-130		
Bromobenzene	21.6		µg/kg wet		20.0		108	70-130		
Bromochloromethane	21.5		µg/kg wet		20.0		108	70-130		
Bromodichloromethane	19.5		µg/kg wet		20.0		98	70-130		
Bromoform	19.7		µg/kg wet		20.0		98	70-130		
Bromomethane	20.0		µg/kg wet		20.0		100	55.3-136		
2-Butanone (MEK)	18.6		µg/kg wet		20.0		93	38.8-142		
n-Butylbenzene	16.2		µg/kg wet		20.0		81	70-130		
sec-Butylbenzene	23.8		µg/kg wet		20.0		119	70-130		
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Carbon disulfide	20.9		µg/kg wet		20.0		104	70-130		
Carbon tetrachloride	22.0		µg/kg wet		20.0		110	70-130		
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Chloroethane	18.3		µg/kg wet		20.0		92	55.3-130		
Chloroform	19.1		µg/kg wet		20.0		96	70-130		
Chloromethane	18.7		µg/kg wet		20.0		94	70-130		
2-Chlorotoluene	19.1		µg/kg wet		20.0		96	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	13.7	QC1	µg/kg wet		20.0		68	70-130		
Dibromochloromethane	21.9		µg/kg wet		20.0		110	64.7-139		
1,2-Dibromoethane (EDB)	20.1		µg/kg wet		20.0		100	70-130		
Dibromomethane	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
1,3-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
1,4-Dichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
Dichlorodifluoromethane (Freon12)	25.7		µg/kg wet		20.0		128	34.4-167		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060309 - SW846 5030 Soil (high level)										
LCS (7060309-BS1)										
Prepared & Analyzed: 05-Jun-07										
1,1-Dichloroethane	17.6		µg/kg wet		20.0		88	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84	70-130		
1,1-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
trans-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130		
1,3-Dichloropropane	18.5		µg/kg wet		20.0		92	70-130		
2,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130		
cis-1,3-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130		
trans-1,3-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Hexachlorobutadiene	19.4		µg/kg wet		20.0		97	60.7-140		
2-Hexanone (MBK)	14.0		µg/kg wet		20.0		70	70-130		
Isopropylbenzene	19.9		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130		
Methyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130		
4-Methyl-2-pentanone (MIBK)	14.4		µg/kg wet		20.0		72	46.1-145		
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130		
Naphthalene	16.0		µg/kg wet		20.0		80	70-130		
n-Propylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Styrene	20.9		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	17.9		µg/kg wet		20.0		90	70-130		
Tetrachloroethene	23.3		µg/kg wet		20.0		116	70-130		
Toluene	19.8		µg/kg wet		20.0		99	70-130		
1,2,3-Trichlorobenzene	16.6		µg/kg wet		20.0		83	70-130		
1,2,4-Trichlorobenzene	16.1		µg/kg wet		20.0		80	70-130		
1,1,1-Trichloroethane	21.1		µg/kg wet		20.0		106	70-130		
1,1,2-Trichloroethane	18.3		µg/kg wet		20.0		92	70-130		
Trichloroethene	20.0		µg/kg wet		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	22.4		µg/kg wet		20.0		112	56.8-140		
1,2,3-Trichloropropane	20.3		µg/kg wet		20.0		102	70-130		
1,2,4-Trimethylbenzene	20.3		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	19.0		µg/kg wet		20.0		95	70-130		
m,p-Xylene	39.7		µg/kg wet		40.0		99	70-130		
o-Xylene	20.8		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	16.1		µg/kg wet		20.0		80	70-130		
Ethyl ether	17.2		µg/kg wet		20.0		86	65.3-130		
Tert-amyl methyl ether	17.9		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	16.8		µg/kg wet		20.0		84	70-130		
Di-isopropyl ether	15.8		µg/kg wet		20.0		79	70-130		
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79	70-130		
1,4-Dioxane	199		µg/kg wet		200		100	34-155		
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.0*		µg/kg wet		*30.0*		*87*	*70-130*		
Surrogate: Dibromofluoromethane	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
LCS Dup (7060309-BSD1)										
Prepared & Analyzed: 05-Jun-07										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060309 - SW846 5030 Soil (high level)										
LCS Dup (7060309-BSD1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/kg wet		20.0		96	70-130	12	25
Acetone	17.1		µg/kg wet		20.0		86	1.77-175	6	50
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130	4	25
Benzene	19.0		µg/kg wet		20.0		95	70-130	0	25
Bromobenzene	20.7		µg/kg wet		20.0		104	70-130	4	25
Bromochloromethane	22.7		µg/kg wet		20.0		114	70-130	5	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	0	25
Bromoform	19.7		µg/kg wet		20.0		98	70-130	0	25
Bromomethane	21.7		µg/kg wet		20.0		108	55.3-136	8	50
2-Butanone (MEK)	20.0		µg/kg wet		20.0		100	38.8-142	7	50
n-Butylbenzene	15.1		µg/kg wet		20.0		76	70-130	6	25
sec-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130	3	25
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
Carbon disulfide	20.6		µg/kg wet		20.0		103	70-130	1	25
Carbon tetrachloride	22.1		µg/kg wet		20.0		110	70-130	0	25
Chlorobenzene	19.7		µg/kg wet		20.0		98	70-130	2	25
Chloroethane	18.5		µg/kg wet		20.0		92	55.3-130	0	50
Chloroform	19.5		µg/kg wet		20.0		98	70-130	2	25
Chloromethane	19.0		µg/kg wet		20.0		95	70-130	1	25
2-Chlorotoluene	18.6		µg/kg wet		20.0		93	70-130	3	25
4-Chlorotoluene	19.6		µg/kg wet		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	13.9		µg/kg wet		20.0		70	70-130	3	25
Dibromochloromethane	22.5		µg/kg wet		20.0		112	64.7-139	2	50
1,2-Dibromoethane (EDB)	19.8		µg/kg wet		20.0		99	70-130	1	25
Dibromomethane	20.6		µg/kg wet		20.0		103	70-130	1	25
1,2-Dichlorobenzene	18.5		µg/kg wet		20.0		92	70-130	5	25
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130	2	25
1,4-Dichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	8	25
Dichlorodifluoromethane (Freon12)	27.6		µg/kg wet		20.0		138	34.4-167	8	50
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	1	25
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	6	25
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	3	25
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130	1	25
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	16.7		µg/kg wet		20.0		84	70-130	1	25
1,3-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130	4	25
2,2-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130	2	25
1,1-Dichloropropene	18.1		µg/kg wet		20.0		90	70-130	2	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	1	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	1	25
Ethylbenzene	19.1		µg/kg wet		20.0		96	70-130	2	25
Hexachlorobutadiene	19.1		µg/kg wet		20.0		96	60.7-140	1	50
2-Hexanone (MBK)	13.0	QC1	µg/kg wet		20.0		65	70-130	7	25
Isopropylbenzene	18.7		µg/kg wet		20.0		94	70-130	6	25
4-Isopropyltoluene	18.2		µg/kg wet		20.0		91	70-130	5	25
Methyl tert-butyl ether	17.9		µg/kg wet		20.0		90	70-130	5	25
4-Methyl-2-pentanone (MIBK)	13.8		µg/kg wet		20.0		69	46.1-145	4	50
Methylene chloride	0.7	QC1	µg/kg wet		20.0		4	70-130	183	25
Naphthalene	15.3		µg/kg wet		20.0		76	70-130	5	25
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130	5	25
Styrene	20.5		µg/kg wet		20.0		102	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060309 - SW846 5030 Soil (high level)										
LCS Dup (7060309-BSD1)										
Prepared & Analyzed: 05-Jun-07										
1,1,1,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130	6	25
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	2	25
Tetrachloroethene	22.6		µg/kg wet		20.0		113	70-130	3	25
Toluene	19.5		µg/kg wet		20.0		98	70-130	1	25
1,2,3-Trichlorobenzene	16.4		µg/kg wet		20.0		82	70-130	1	25
1,2,4-Trichlorobenzene	15.8		µg/kg wet		20.0		79	70-130	1	25
1,1,1-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	3	25
1,1,2-Trichloroethane	18.7		µg/kg wet		20.0		94	70-130	2	25
Trichloroethene	19.8		µg/kg wet		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	20.7		µg/kg wet		20.0		104	56.8-140	7	50
1,2,3-Trichloropropane	19.8		µg/kg wet		20.0		99	70-130	3	25
1,2,4-Trimethylbenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130	2	25
Vinyl chloride	18.0		µg/kg wet		20.0		90	70-130	5	25
m,p-Xylene	38.4		µg/kg wet		40.0		96	70-130	3	25
o-Xylene	20.0		µg/kg wet		20.0		100	70-130	4	25
Tetrahydrofuran	15.1		µg/kg wet		20.0		76	70-130	5	25
Ethyl ether	16.7		µg/kg wet		20.0		84	65.3-130	2	50
Tert-amyl methyl ether	18.3		µg/kg wet		20.0		92	70-130	2	25
Ethyl tert-butyl ether	17.6		µg/kg wet		20.0		88	70-130	5	25
Di-isopropyl ether	16.0		µg/kg wet		20.0		80	70-130	1	25
Tert-Butanol / butyl alcohol	161		µg/kg wet		200		80	70-130	1	25
1,4-Dioxane	190		µg/kg wet		200		95	34-155	5	25
Surrogate: 4-Bromofluorobenzene	*29.7*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/kg wet		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Batch 7060333 - SW846 5030 Water MS										
Blank (7060333-BLK1)										
Prepared & Analyzed: 05-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060333 - SW846 5030 Water MS										
Blank (7060333-BLK1)										
Prepared & Analyzed: 05-Jun-07										
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060333 - SW846 5030 Water MS										
Blank (7060333-BLK1)										
Prepared & Analyzed: 05-Jun-07										
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*46.9*		µg/l		*50.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.8*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.5*		µg/l		*50.0*		*99*	*70-130*		
LCS (7060333-BS1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.0		µg/l		20.0		125	70-130		
Acetone	14.1		µg/l		20.0		70	41.1-147		
Acrylonitrile	20.5		µg/l		20.0		102	70-130		
Benzene	21.2		µg/l		20.0		106	70-130		
Bromobenzene	21.6		µg/l		20.0		108	70-130		
Bromochloromethane	20.7		µg/l		20.0		104	70-130		
Bromodichloromethane	19.2		µg/l		20.0		96	70-130		
Bromoform	17.6		µg/l		20.0		88	70-130		
Bromomethane	19.6		µg/l		20.0		98	62-136		
2-Butanone (MEK)	16.0		µg/l		20.0		80	53.9-133		
n-Butylbenzene	22.4		µg/l		20.0		112	70-130		
sec-Butylbenzene	21.8		µg/l		20.0		109	70-130		
tert-Butylbenzene	21.6		µg/l		20.0		108	70-130		
Carbon disulfide	20.6		µg/l		20.0		103	70-130		
Carbon tetrachloride	20.0		µg/l		20.0		100	70-130		
Chlorobenzene	21.4		µg/l		20.0		107	70-130		
Chloroethane	20.0		µg/l		20.0		100	62.8-132		
Chloroform	20.1		µg/l		20.0		100	70-130		
Chloromethane	20.5		µg/l		20.0		102	70-130		
2-Chlorotoluene	21.9		µg/l		20.0		110	70-130		
4-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	19.9		µg/l		20.0		100	70-130		
Dibromochloromethane	19.7		µg/l		20.0		98	70-143		
1,2-Dibromoethane (EDB)	19.4		µg/l		20.0		97	70-130		
Dibromomethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichlorobenzene	21.7		µg/l		20.0		108	70-130		
1,3-Dichlorobenzene	22.1		µg/l		20.0		110	70-130		
1,4-Dichlorobenzene	22.0		µg/l		20.0		110	70-130		
Dichlorodifluoromethane (Freon12)	24.7		µg/l		20.0		124	39.3-167		
1,1-Dichloroethane	21.4		µg/l		20.0		107	70-130		
1,2-Dichloroethane	19.9		µg/l		20.0		100	70-130		
1,1-Dichloroethene	23.0		µg/l		20.0		115	70-130		
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130		
trans-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		
1,2-Dichloropropane	20.2		µg/l		20.0		101	70-130		
1,3-Dichloropropane	20.4		µg/l		20.0		102	70-130		
2,2-Dichloropropane	22.5		µg/l		20.0		112	70-130		
1,1-Dichloropropene	21.5		µg/l		20.0		108	70-130		
cis-1,3-Dichloropropene	20.9		µg/l		20.0		104	70-130		
trans-1,3-Dichloropropene	19.8		µg/l		20.0		99	70-130		
Ethylbenzene	21.6		µg/l		20.0		108	70-130		
Hexachlorobutadiene	19.6		µg/l		20.0		98	70-136		
2-Hexanone (MBK)	15.5		µg/l		20.0		78	56.3-131		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060333 - SW846 5030 Water MS										
LCS (7060333-BS1)										
Prepared & Analyzed: 05-Jun-07										
Isopropylbenzene	19.0		µg/l		20.0		95	70-130		
4-Isopropyltoluene	23.4		µg/l		20.0		117	70-130		
Methyl tert-butyl ether	19.7		µg/l		20.0		98	70-130		
4-Methyl-2-pentanone (MIBK)	18.0		µg/l		20.0		90	70-130		
Methylene chloride	21.0		µg/l		20.0		105	70-130		
Naphthalene	21.4		µg/l		20.0		107	70-130		
n-Propylbenzene	21.8		µg/l		20.0		109	70-130		
Styrene	21.6		µg/l		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	19.4		µg/l		20.0		97	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
Tetrachloroethene	19.8		µg/l		20.0		99	70-130		
Toluene	21.0		µg/l		20.0		105	70-130		
1,2,3-Trichlorobenzene	20.2		µg/l		20.0		101	70-130		
1,2,4-Trichlorobenzene	19.3		µg/l		20.0		96	70-130		
1,1,1-Trichloroethane	20.6		µg/l		20.0		103	70-130		
1,1,2-Trichloroethane	21.1		µg/l		20.0		106	70-130		
Trichloroethene	21.0		µg/l		20.0		105	70-130		
Trichlorofluoromethane (Freon 11)	23.2		µg/l		20.0		116	70-130		
1,2,3-Trichloropropane	22.5		µg/l		20.0		112	70-130		
1,2,4-Trimethylbenzene	21.6		µg/l		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.5		µg/l		20.0		108	70-130		
Vinyl chloride	27.6	QC2	µg/l		20.0		138	70-130		
m,p-Xylene	42.9		µg/l		40.0		107	70-130		
o-Xylene	22.2		µg/l		20.0		111	70-130		
Tetrahydrofuran	17.6		µg/l		20.0		88	70-130		
Ethyl ether	19.5		µg/l		20.0		98	70-130		
Tert-amyl methyl ether	20.3		µg/l		20.0		102	70-130		
Ethyl tert-butyl ether	20.9		µg/l		20.0		104	70-130		
Di-isopropyl ether	20.4		µg/l		20.0		102	70-130		
Tert-Butanol / butyl alcohol	170		µg/l		200		85	70-130		
1,4-Dioxane	182		µg/l		200		91	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (7060333-BSD1)										
Prepared & Analyzed: 05-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.8		µg/l		20.0		124	70-130	0.8	25
Acetone	13.5		µg/l		20.0		68	41.1-147	3	50
Acrylonitrile	20.9		µg/l		20.0		104	70-130	2	25
Benzene	21.5		µg/l		20.0		108	70-130	2	25
Bromobenzene	22.3		µg/l		20.0		112	70-130	4	25
Bromochloromethane	21.5		µg/l		20.0		108	70-130	4	25
Bromodichloromethane	20.6		µg/l		20.0		103	70-130	7	25
Bromoform	18.8		µg/l		20.0		94	70-130	7	25
Bromomethane	19.6		µg/l		20.0		98	62-136	0	50
2-Butanone (MEK)	14.8		µg/l		20.0		74	53.9-133	8	50
n-Butylbenzene	28.0	QC1	µg/l		20.0		140	70-130	22	25
sec-Butylbenzene	23.6		µg/l		20.0		118	70-130	8	25
tert-Butylbenzene	22.7		µg/l		20.0		114	70-130	5	25
Carbon disulfide	20.7		µg/l		20.0		104	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060333 - SW846 5030 Water MS										
LCS Dup (7060333-BSD1)										
Prepared & Analyzed: 05-Jun-07										
Carbon tetrachloride	20.5		µg/l		20.0		102	70-130	2	25
Chlorobenzene	22.3		µg/l		20.0		112	70-130	5	25
Chloroethane	19.4		µg/l		20.0		97	62.8-132	3	50
Chloroform	21.1		µg/l		20.0		106	70-130	6	25
Chloromethane	21.9		µg/l		20.0		110	70-130	8	25
2-Chlorotoluene	23.6		µg/l		20.0		118	70-130	7	25
4-Chlorotoluene	24.1		µg/l		20.0		120	70-130	9	25
1,2-Dibromo-3-chloropropane	21.3		µg/l		20.0		106	70-130	6	25
Dibromochloromethane	20.7		µg/l		20.0		104	70-143	6	50
1,2-Dibromoethane (EDB)	21.0		µg/l		20.0		105	70-130	8	25
Dibromomethane	23.2		µg/l		20.0		116	70-130	14	25
1,2-Dichlorobenzene	23.5		µg/l		20.0		118	70-130	9	25
1,3-Dichlorobenzene	24.3		µg/l		20.0		122	70-130	10	25
1,4-Dichlorobenzene	23.6		µg/l		20.0		118	70-130	7	25
Dichlorodifluoromethane (Freon12)	25.9		µg/l		20.0		130	39.3-167	5	50
1,1-Dichloroethane	21.8		µg/l		20.0		109	70-130	2	25
1,2-Dichloroethane	21.1		µg/l		20.0		106	70-130	6	25
1,1-Dichloroethene	22.9		µg/l		20.0		114	70-130	0.9	25
cis-1,2-Dichloroethene	22.1		µg/l		20.0		110	70-130	5	25
trans-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130	0	25
1,2-Dichloropropane	21.3		µg/l		20.0		106	70-130	5	25
1,3-Dichloropropane	21.6		µg/l		20.0		108	70-130	6	25
2,2-Dichloropropane	22.4		µg/l		20.0		112	70-130	0	25
1,1-Dichloropropene	21.8		µg/l		20.0		109	70-130	0.9	25
cis-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130	6	25
trans-1,3-Dichloropropene	20.9		µg/l		20.0		104	70-130	5	25
Ethylbenzene	21.6		µg/l		20.0		108	70-130	0	25
Hexachlorobutadiene	21.8		µg/l		20.0		109	70-136	11	50
2-Hexanone (MBK)	15.4		µg/l		20.0		77	56.3-131	1	25
Isopropylbenzene	19.8		µg/l		20.0		99	70-130	4	25
4-Isopropyltoluene	25.9		µg/l		20.0		130	70-130	11	25
Methyl tert-butyl ether	21.1		µg/l		20.0		106	70-130	8	25
4-Methyl-2-pentanone (MIBK)	18.3		µg/l		20.0		92	70-130	2	50
Methylene chloride	22.5		µg/l		20.0		112	70-130	6	25
Naphthalene	33.5	QC1	µg/l		20.0		168	70-130	44	25
n-Propylbenzene	22.7		µg/l		20.0		114	70-130	4	25
Styrene	22.8		µg/l		20.0		114	70-130	5	25
1,1,1,2-Tetrachloroethane	20.5		µg/l		20.0		102	70-130	5	25
1,1,2,2-Tetrachloroethane	23.1		µg/l		20.0		116	70-130	9	25
Tetrachloroethene	20.1		µg/l		20.0		100	70-130	1	25
Toluene	20.9		µg/l		20.0		104	70-130	1	25
1,2,3-Trichlorobenzene	29.0	QC1	µg/l		20.0		145	70-130	36	25
1,2,4-Trichlorobenzene	28.4	QC1	µg/l		20.0		142	70-130	39	25
1,1,1-Trichloroethane	19.9		µg/l		20.0		100	70-130	3	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	0	25
Trichloroethene	21.3		µg/l		20.0		106	70-130	0.9	25
Trichlorofluoromethane (Freon 11)	24.0		µg/l		20.0		120	70-130	3	50
1,2,3-Trichloropropane	23.0		µg/l		20.0		115	70-130	3	25
1,2,4-Trimethylbenzene	27.3	QC1	µg/l		20.0		136	70-130	23	25
1,3,5-Trimethylbenzene	24.6		µg/l		20.0		123	70-130	13	25
Vinyl chloride	29.5	QC2	µg/l		20.0		148	70-130	7	25

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060333 - SW846 5030 Water MS										
LCS Dup (7060333-BSD1)										
Prepared & Analyzed: 05-Jun-07										
m,p-Xylene	45.4		µg/l		40.0		114	70-130	6	25
o-Xylene	22.6		µg/l		20.0		113	70-130	2	25
Tetrahydrofuran	17.3		µg/l		20.0		86	70-130	2	25
Ethyl ether	19.3		µg/l		20.0		96	70-130	2	50
Tert-amyl methyl ether	21.0		µg/l		20.0		105	70-130	3	25
Ethyl tert-butyl ether	22.2		µg/l		20.0		111	70-130	7	25
Di-isopropyl ether	21.6		µg/l		20.0		108	70-130	6	25
Tert-Butanol / butyl alcohol	162		µg/l		200		81	70-130	5	25
1,4-Dioxane	202		µg/l		200		101	70-130	10	25
Surrogate: 4-Bromofluorobenzene	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*48.0*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike (7060333-MS1) **Source: SA62709-01**										
Prepared & Analyzed: 05-Jun-07										
Benzene	22.1		µg/l		20.0	BRL	110	70-130		
Chlorobenzene	23.6		µg/l		20.0	BRL	118	70-130		
1,1-Dichloroethene	23.6		µg/l		20.0	BRL	118	70-130		
Toluene	22.6		µg/l		20.0	BRL	113	70-130		
Trichloroethene	23.2		µg/l		20.0	BRL	116	70-130		
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike Dup (7060333-MSD1) **Source: SA62709-01**										
Prepared & Analyzed: 05-Jun-07										
Benzene	22.9		µg/l		20.0	BRL	114	70-130	4	30
Chlorobenzene	23.6		µg/l		20.0	BRL	118	70-130	0	30
1,1-Dichloroethene	22.8		µg/l		20.0	BRL	114	70-130	3	30
Toluene	23.1		µg/l		20.0	BRL	116	70-130	3	30
Trichloroethene	22.5		µg/l		20.0	BRL	112	70-130	4	30
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*47.5*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.9*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052182 - SW846 3510C										
Blank (7052182-BLK1)										
Prepared & Analyzed: 30-May-07										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0427*		mg/l		*0.0500*		*85*	*40-140*		
Batch 7060011 - SW846 3550B										
Blank (7060011-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.80*		mg/kg wet		*3.33*		*84*	*40-140*		
LCS (7060011-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
C9-C36 Aliphatic Hydrocarbons	76.5		mg/kg wet	13.3	93.3		82	60-120		
Surrogate: 1-Chlorooctadecane	*3.70*		mg/kg wet		*3.33*		*111*	*60-120*		
Duplicate (7060011-DUP1) **Source: SA62884-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Gasoline	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #2	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #4	BRL		mg/kg dry	31.4		BRL				50
Fuel Oil #6	BRL		mg/kg dry	31.4		BRL				50
Motor Oil	BRL		mg/kg dry	31.4		BRL				50
Aviation Fuel	BRL		mg/kg dry	31.4		BRL				50
Unidentified	BRL		mg/kg dry	31.4		BRL				50
Other Oil	BRL		mg/kg dry	31.4		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.4		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.4		BRL				50
Surrogate: 1-Chlorooctadecane	*2.77*		mg/kg dry		*3.93*		*70*	*40-140*		
Matrix Spike (7060011-MS1) **Source: SA62884-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
C9-C36 Aliphatic Hydrocarbons	82.8		mg/kg dry	15.6	110	BRL	75	50-150		
Surrogate: 1-Chlorooctadecane	*4.31*		mg/kg dry		*3.92*		*110*	*40-140*		
Matrix Spike Dup (7060011-MSD1) **Source: SA62884-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060011 - SW846 3550B										
Matrix Spike Dup (7060011-MSD1) **Source: SA62884-01**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
C9-C36 Aliphatic Hydrocarbons	81.7		mg/kg dry	16.0	112	BRL	73	50-150	3	30
Surrogate: 1-Chlorooctadecane	*4.31*		mg/kg dry		*4.01*		*107*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
Blank (7052183-BLK1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*28.6*		*49*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.5*		µg/kg wet		*28.6*		*68*	*30-150*		
LCS (7052183-BS1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	23.0		µg/kg wet	14.3	28.6		80	40-140		
a-BHC	23.1		µg/kg wet	14.3	28.6		81	40-140		
b-BHC	22.1		µg/kg wet	14.3	28.6		77	40-140		
d-BHC	19.2		µg/kg wet	14.3	28.6		67	40-140		
g-BHC (Lindane)	23.4		µg/kg wet	14.3	28.6		82	40-140		
4,4'-DDD (p,p')	21.0		µg/kg wet	14.3	28.6		73	40-140		
4,4'-DDE (p,p')	22.5		µg/kg wet	14.3	28.6		79	40-140		
4,4'-DDT (p,p')	23.4		µg/kg wet	14.3	28.6		82	40-140		
Dieldrin	22.3		µg/kg wet	14.3	28.6		78	40-140		
Endosulfan I	25.1		µg/kg wet	14.3	28.6		88	40-140		
Endosulfan II	24.8		µg/kg wet	14.3	28.6		87	40-140		
Endosulfan Sulfate	22.2		µg/kg wet	14.3	28.6		78	40-140		
Endrin	27.0		µg/kg wet	14.3	28.6		94	40-140		
Endrin Aldehyde	25.5		µg/kg wet	14.3	28.6		89	40-140		
Heptachlor	25.1		µg/kg wet	14.3	28.6		88	40-140		
Methoxychlor	25.4		µg/kg wet	14.3	28.6		89	40-140		
Heptachlor Epoxide	24.2		µg/kg wet	14.3	28.6		85	40-140		
a-Chlordane	26.3		µg/kg wet	14.3	28.6		92	40-140		
g-Chlordane	23.2		µg/kg wet	14.3	28.6		81	40-140		
Endrin Ketone	24.7		µg/kg wet	14.3	28.6		86	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.9*		µg/kg wet		*28.6*		*91*	*30-150*		
LCS Dup (7052183-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
Aldrin	23.9		µg/kg wet	14.3	28.6		84	40-140	5	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
LCS Dup (7052183-BSD1)										
Prepared: 30-May-07 Analyzed: 31-May-07										
a-BHC	23.8		µg/kg wet	14.3	28.6		83	40-140	2	30
b-BHC	23.4		µg/kg wet	14.3	28.6		82	40-140	6	30
d-BHC	20.1		µg/kg wet	14.3	28.6		70	40-140	4	30
g-BHC (Lindane)	24.4		µg/kg wet	14.3	28.6		85	40-140	4	30
4,4'-DDD (p,p')	23.7		µg/kg wet	14.3	28.6		83	40-140	13	30
4,4'-DDE (p,p')	23.4		µg/kg wet	14.3	28.6		82	40-140	4	30
4,4'-DDT (p,p')	25.4		µg/kg wet	14.3	28.6		89	40-140	8	30
Dieldrin	23.2		µg/kg wet	14.3	28.6		81	40-140	4	30
Endosulfan I	26.6		µg/kg wet	14.3	28.6		93	40-140	6	30
Endosulfan II	26.2		µg/kg wet	14.3	28.6		92	40-140	6	30
Endosulfan Sulfate	23.4		µg/kg wet	14.3	28.6		82	40-140	5	30
Endrin	28.3		µg/kg wet	14.3	28.6		99	40-140	5	30
Endrin Aldehyde	25.2		µg/kg wet	14.3	28.6		88	40-140	1	30
Heptachlor	26.1		µg/kg wet	14.3	28.6		91	40-140	3	30
Methoxychlor	29.2		µg/kg wet	14.3	28.6		102	40-140	14	30
Heptachlor Epoxide	26.6		µg/kg wet	14.3	28.6		93	40-140	9	30
a-Chlordane	27.4		µg/kg wet	14.3	28.6		96	40-140	4	30
g-Chlordane	24.7		µg/kg wet	14.3	28.6		86	40-140	6	30
Endrin Ketone	24.2		µg/kg wet	14.3	28.6		85	40-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.6*		µg/kg wet		*28.6*		*69*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.7*		µg/kg wet		*28.6*		*93*	*30-150*		
Duplicate (7052183-DUP1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	BRL		µg/kg dry	16.8		BRL				30
a-BHC	BRL		µg/kg dry	16.8		BRL				30
b-BHC	BRL		µg/kg dry	16.8		BRL				30
d-BHC	BRL		µg/kg dry	16.8		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	16.8		BRL				30
Chlordane	BRL		µg/kg dry	84.0		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	16.8		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	16.8		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	16.8		BRL				30
Dieldrin	BRL		µg/kg dry	16.8		BRL				30
Endosulfan I	BRL		µg/kg dry	16.8		BRL				30
Endosulfan II	BRL		µg/kg dry	16.8		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	16.8		BRL				30
Endrin	BRL		µg/kg dry	16.8		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	16.8		BRL				30
Heptachlor	BRL		µg/kg dry	16.8		BRL				30
Methoxychlor	BRL		µg/kg dry	16.8		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	16.8		BRL				30
Toxaphene	BRL		µg/kg dry	84.0		BRL				30
a-Chlordane	BRL		µg/kg dry	16.8		BRL				30
g-Chlordane	BRL		µg/kg dry	16.8		BRL				30
Endrin Ketone	BRL		µg/kg dry	16.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.8*		µg/kg dry		*33.6*		*32*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.9*		µg/kg dry		*33.6*		*59*	*30-150*		
Matrix Spike (7052183-MS1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	40.3		µg/kg dry	16.7	33.5	BRL	120	30-150		
a-BHC	29.0		µg/kg dry	16.7	33.5	BRL	87	30-150		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052183 - SW846 3550B										
Matrix Spike (7052183-MS1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
b-BHC	28.1		µg/kg dry	16.7	33.5	BRL	84	30-150		
d-BHC	24.8		µg/kg dry	16.7	33.5	BRL	74	30-150		
g-BHC (Lindane)	30.3		µg/kg dry	16.7	33.5	BRL	90	30-150		
4,4'-DDD (p,p')	32.3		µg/kg dry	16.7	33.5	BRL	96	30-150		
4,4'-DDE (p,p')	31.2		µg/kg dry	16.7	33.5	BRL	93	30-150		
4,4'-DDT (p,p')	28.9		µg/kg dry	16.7	33.5	BRL	86	30-150		
Dieldrin	31.9		µg/kg dry	16.7	33.5	BRL	95	30-150		
Endosulfan I	35.0		µg/kg dry	16.7	33.5	BRL	104	30-150		
Endosulfan II	35.9		µg/kg dry	16.7	33.5	BRL	107	30-150		
Endosulfan Sulfate	33.9		µg/kg dry	16.7	33.5	BRL	101	30-150		
Endrin	32.8		µg/kg dry	16.7	33.5	BRL	98	30-150		
Endrin Aldehyde	34.4		µg/kg dry	16.7	33.5	BRL	103	30-150		
Heptachlor	35.1		µg/kg dry	16.7	33.5	BRL	105	30-150		
Methoxychlor	34.7		µg/kg dry	16.7	33.5	BRL	104	30-150		
Heptachlor Epoxide	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
a-Chlordane	34.5		µg/kg dry	16.7	33.5	BRL	103	30-150		
g-Chlordane	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
Endrin Ketone	37.1		µg/kg dry	16.7	33.5	BRL	111	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.6*		µg/kg dry		*33.5*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*39.6*		µg/kg dry		*33.5*		*118*	*30-150*		
Matrix Spike Dup (7052183-MSD1) **Source: SA62708-25**										
Prepared: 30-May-07 Analyzed: 03-Jun-07										
Aldrin	32.0		µg/kg dry	16.8	33.6	BRL	95	30-150	23	30
a-BHC	28.0		µg/kg dry	16.8	33.6	BRL	83	30-150	5	30
b-BHC	27.6		µg/kg dry	16.8	33.6	BRL	82	30-150	2	30
d-BHC	24.0		µg/kg dry	16.8	33.6	BRL	71	30-150	4	30
g-BHC (Lindane)	29.1		µg/kg dry	16.8	33.6	BRL	87	30-150	3	30
4,4'-DDD (p,p')	31.7		µg/kg dry	16.8	33.6	BRL	94	30-150	2	30
4,4'-DDE (p,p')	30.7		µg/kg dry	16.8	33.6	BRL	91	30-150	2	30
4,4'-DDT (p,p')	28.7		µg/kg dry	16.8	33.6	BRL	85	30-150	1	30
Dieldrin	31.6		µg/kg dry	16.8	33.6	BRL	94	30-150	1	30
Endosulfan I	34.0		µg/kg dry	16.8	33.6	BRL	101	30-150	3	30
Endosulfan II	35.1		µg/kg dry	16.8	33.6	BRL	104	30-150	3	30
Endosulfan Sulfate	33.8		µg/kg dry	16.8	33.6	BRL	101	30-150	0	30
Endrin	30.0		µg/kg dry	16.8	33.6	BRL	89	30-150	10	30
Endrin Aldehyde	32.8		µg/kg dry	16.8	33.6	BRL	98	30-150	5	30
Heptachlor	34.1		µg/kg dry	16.8	33.6	BRL	101	30-150	4	30
Methoxychlor	39.1		µg/kg dry	16.8	33.6	BRL	116	30-150	11	30
Heptachlor Epoxide	36.1		µg/kg dry	16.8	33.6	BRL	107	30-150	4	30
a-Chlordane	32.5		µg/kg dry	16.8	33.6	BRL	97	30-150	6	50
g-Chlordane	35.6		µg/kg dry	16.8	33.6	BRL	106	30-150	5	50
Endrin Ketone	38.0		µg/kg dry	16.8	33.6	BRL	113	30-150	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.7*		µg/kg dry		*33.6*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.5*		µg/kg dry		*33.6*		*115*	*30-150*		
Batch 7052287 - SW846 3510C										
Blank (7052287-BLK1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	BRL		µg/l	0.1000						
a-BHC	BRL		µg/l	0.1000						
b-BHC	BRL		µg/l	0.1000						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052287 - SW846 3510C										
Blank (7052287-BLK1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
d-BHC	BRL		µg/l	0.1000						
g-BHC (Lindane)	BRL		µg/l	0.1000						
Chlordane	BRL		µg/l	0.5000						
4,4'-DDD (p,p')	BRL		µg/l	0.1000						
4,4'-DDE (p,p')	BRL		µg/l	0.1000						
4,4'-DDT (p,p')	BRL		µg/l	0.1000						
Dieldrin	BRL		µg/l	0.1000						
Endosulfan I	BRL		µg/l	0.1000						
Endosulfan II	BRL		µg/l	0.1000						
Endosulfan Sulfate	BRL		µg/l	0.1000						
Endrin	BRL		µg/l	0.1000						
Endrin Aldehyde	BRL		µg/l	0.1000						
Heptachlor	BRL		µg/l	0.1000						
Methoxychlor	BRL		µg/l	0.1000						
Heptachlor Epoxide	BRL		µg/l	0.1000						
Toxaphene	BRL		µg/l	0.5000						
a-Chlordane	BRL		µg/l	0.1000						
g-Chlordane	BRL		µg/l	0.1000						
Endrin Ketone	BRL		µg/l	0.1000						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0819*		µg/l		*0.2000*		*41*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.130*		µg/l		*0.2000*		*65*	*30-150*		
LCS (7052287-BS1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	0.1283		µg/l	0.1000	0.2000		64	40-140		
a-BHC	0.1132		µg/l	0.1000	0.2000		57	40-140		
b-BHC	0.1183		µg/l	0.1000	0.2000		59	40-140		
d-BHC	0.0954		µg/l	0.1000	0.2000		48	40-140		
g-BHC (Lindane)	0.1172		µg/l	0.1000	0.2000		59	40-140		
4,4'-DDD (p,p')	0.1329		µg/l	0.1000	0.2000		66	40-140		
4,4'-DDE (p,p')	0.1194		µg/l	0.1000	0.2000		60	40-140		
4,4'-DDT (p,p')	0.1061		µg/l	0.1000	0.2000		53	40-140		
Dieldrin	0.1231		µg/l	0.1000	0.2000		62	40-140		
Endosulfan I	0.1355		µg/l	0.1000	0.2000		68	40-140		
Endosulfan II	0.1363		µg/l	0.1000	0.2000		68	40-140		
Endosulfan Sulfate	0.1250		µg/l	0.1000	0.2000		62	40-140		
Endrin	0.1347		µg/l	0.1000	0.2000		67	40-140		
Endrin Aldehyde	0.1281		µg/l	0.1000	0.2000		64	40-140		
Heptachlor	0.1364		µg/l	0.1000	0.2000		68	40-140		
Methoxychlor	0.1335		µg/l	0.1000	0.2000		67	40-140		
Heptachlor Epoxide	0.1372		µg/l	0.1000	0.2000		69	40-140		
a-Chlordane	0.1324		µg/l	0.1000	0.2000		66	40-140		
g-Chlordane	0.1343		µg/l	0.1000	0.2000		67	40-140		
Endrin Ketone	0.1368		µg/l	0.1000	0.2000		68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0806*		µg/l		*0.2000*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.131*		µg/l		*0.2000*		*66*	*30-150*		
LCS Dup (7052287-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	0.1318		µg/l	0.1000	0.2000		66	40-140	3	20
a-BHC	0.1128		µg/l	0.1000	0.2000		56	40-140	2	20
b-BHC	0.1198		µg/l	0.1000	0.2000		60	40-140	2	20
d-BHC	0.0934		µg/l	0.1000	0.2000		47	40-140	2	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052287 - SW846 3510C										
LCS Dup (7052287-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
g-BHC (Lindane)	0.1162		µg/l	0.1000	0.2000		58	40-140	2	20
4,4'-DDD (p,p')	0.1320		µg/l	0.1000	0.2000		66	40-140	0	20
4,4'-DDE (p,p')	0.1257		µg/l	0.1000	0.2000		63	40-140	5	20
4,4'-DDT (p,p')	0.1135		µg/l	0.1000	0.2000		57	40-140	7	20
Dieldrin	0.1269		µg/l	0.1000	0.2000		63	40-140	2	20
Endosulfan I	0.1399		µg/l	0.1000	0.2000		70	40-140	3	20
Endosulfan II	0.1391		µg/l	0.1000	0.2000		70	40-140	3	20
Endosulfan Sulfate	0.1350		µg/l	0.1000	0.2000		68	40-140	9	20
Endrin	0.1239		µg/l	0.1000	0.2000		62	40-140	8	20
Endrin Aldehyde	0.1299		µg/l	0.1000	0.2000		65	40-140	2	20
Heptachlor	0.1349		µg/l	0.1000	0.2000		67	40-140	1	20
Methoxychlor	0.1213		µg/l	0.1000	0.2000		61	40-140	9	20
Heptachlor Epoxide	0.1380		µg/l	0.1000	0.2000		69	40-140	0	20
a-Chlordane	0.1372		µg/l	0.1000	0.2000		69	40-140	4	20
g-Chlordane	0.1334		µg/l	0.1000	0.2000		67	40-140	0	20
Endrin Ketone	0.1448		µg/l	0.1000	0.2000		72	40-140	6	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0820*		µg/l		*0.2000*		*41*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.133*		µg/l		*0.2000*		*66*	*30-150*		
Batch 7052288 - SW846 3510C										
Blank (7052288-BLK2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	BRL		µg/l	0.0200						
PCB 1221	BRL		µg/l	0.0200						
PCB 1232	BRL		µg/l	0.0200						
PCB 1242	BRL		µg/l	0.0200						
PCB 1248	BRL		µg/l	0.0200						
PCB 1254	BRL		µg/l	0.0200						
PCB 1260	BRL		µg/l	0.0200						
PCB 1262	BRL		µg/l	0.0200						
PCB 1268	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00900*		µg/l		*0.0200*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0150*		µg/l		*0.0200*		*75*	*30-150*		
LCS (7052288-BS2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	0.200		µg/l	0.0200	0.250		80	40-140		
PCB 1260	0.217		µg/l	0.0200	0.250		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00800*		µg/l		*0.0200*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0160*		µg/l		*0.0200*		*80*	*30-150*		
LCS Dup (7052288-BSD2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	0.216		µg/l	0.0200	0.250		86	40-140	7	20
PCB 1260	0.213		µg/l	0.0200	0.250		85	40-140	2	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00800*		µg/l		*0.0200*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0150*		µg/l		*0.0200*		*75*	*30-150*		
Batch 7052299 - SW846 3550B										
Blank (7052299-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052299 - SW846 3550B										
Blank (7052299-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.1*		µg/kg wet		*28.6*		*49*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*28.6*		*80*	*30-150*		
LCS (7052299-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	19.6		µg/kg wet	14.3	28.6		69	40-140		
a-BHC	20.5		µg/kg wet	14.3	28.6		72	40-140		
b-BHC	18.9		µg/kg wet	14.3	28.6		66	40-140		
d-BHC	17.0		µg/kg wet	14.3	28.6		59	40-140		
g-BHC (Lindane)	20.7		µg/kg wet	14.3	28.6		72	40-140		
4,4'-DDD (p,p')	23.0		µg/kg wet	14.3	28.6		80	40-140		
4,4'-DDE (p,p')	18.0		µg/kg wet	14.3	28.6		63	40-140		
4,4'-DDT (p,p')	19.9		µg/kg wet	14.3	28.6		70	40-140		
Dieldrin	18.8		µg/kg wet	14.3	28.6		66	40-140		
Endosulfan I	21.1		µg/kg wet	14.3	28.6		74	40-140		
Endosulfan II	22.9		µg/kg wet	14.3	28.6		80	40-140		
Endosulfan Sulfate	19.2		µg/kg wet	14.3	28.6		67	40-140		
Endrin	25.7		µg/kg wet	14.3	28.6		90	40-140		
Endrin Aldehyde	20.8		µg/kg wet	14.3	28.6		73	40-140		
Heptachlor	21.9		µg/kg wet	14.3	28.6		77	40-140		
Methoxychlor	22.4		µg/kg wet	14.3	28.6		78	40-140		
Heptachlor Epoxide	21.3		µg/kg wet	14.3	28.6		74	40-140		
a-Chlordane	23.0		µg/kg wet	14.3	28.6		80	40-140		
g-Chlordane	19.6		µg/kg wet	14.3	28.6		69	40-140		
Endrin Ketone	19.7		µg/kg wet	14.3	28.6		69	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*13.7*		µg/kg wet		*28.6*		*48*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.9*		µg/kg wet		*28.6*		*87*	*30-150*		
LCS Dup (7052299-BSD1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	20.1		µg/kg wet	14.3	28.6		70	40-140	1	30
a-BHC	20.5		µg/kg wet	14.3	28.6		72	40-140	0	30
b-BHC	18.4		µg/kg wet	14.3	28.6		64	40-140	3	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052299 - SW846 3550B										
LCS Dup (7052299-BSD1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
d-BHC	17.3		µg/kg wet	14.3	28.6		60	40-140	2	30
g-BHC (Lindane)	20.4		µg/kg wet	14.3	28.6		71	40-140	1	30
4,4'-DDD (p,p')	21.5		µg/kg wet	14.3	28.6		75	40-140	6	30
4,4'-DDE (p,p')	18.7		µg/kg wet	14.3	28.6		65	40-140	3	30
4,4'-DDT (p,p')	20.1		µg/kg wet	14.3	28.6		70	40-140	0	30
Dieldrin	19.6		µg/kg wet	14.3	28.6		69	40-140	4	30
Endosulfan I	21.9		µg/kg wet	14.3	28.6		77	40-140	4	30
Endosulfan II	22.7		µg/kg wet	14.3	28.6		79	40-140	1	30
Endosulfan Sulfate	19.0		µg/kg wet	14.3	28.6		66	40-140	2	30
Endrin	24.5		µg/kg wet	14.3	28.6		86	40-140	5	30
Endrin Aldehyde	21.4		µg/kg wet	14.3	28.6		75	40-140	3	30
Heptachlor	21.7		µg/kg wet	14.3	28.6		76	40-140	1	30
Methoxychlor	22.4		µg/kg wet	14.3	28.6		78	40-140	0	30
Heptachlor Epoxide	21.2		µg/kg wet	14.3	28.6		74	40-140	0	30
a-Chlordane	23.3		µg/kg wet	14.3	28.6		81	40-140	1	30
g-Chlordane	20.0		µg/kg wet	14.3	28.6		70	40-140	1	30
Endrin Ketone	21.4		µg/kg wet	14.3	28.6		75	40-140	8	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.3*		µg/kg wet		*28.6*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.3*		µg/kg wet		*28.6*		*81*	*30-150*		
Duplicate (7052299-DUP1) **Source: SA62733-09**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	BRL		µg/kg dry	15.7		BRL				30
a-BHC	BRL		µg/kg dry	15.7		BRL				30
b-BHC	BRL		µg/kg dry	15.7		BRL				30
d-BHC	BRL		µg/kg dry	15.7		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	15.7		BRL				30
Chlordane	BRL		µg/kg dry	78.3		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	15.7		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	15.7		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	15.7		BRL				30
Dieldrin	BRL		µg/kg dry	15.7		BRL				30
Endosulfan I	BRL		µg/kg dry	15.7		BRL				30
Endosulfan II	BRL		µg/kg dry	15.7		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	15.7		BRL				30
Endrin	BRL		µg/kg dry	15.7		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	15.7		BRL				30
Heptachlor	BRL		µg/kg dry	15.7		BRL				30
Methoxychlor	BRL		µg/kg dry	15.7		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	15.7		BRL				30
Toxaphene	BRL		µg/kg dry	78.3		BRL				30
a-Chlordane	BRL		µg/kg dry	15.7		BRL				30
g-Chlordane	BRL		µg/kg dry	15.7		BRL				30
Endrin Ketone	BRL		µg/kg dry	15.7		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.8*		µg/kg dry		*31.3*		*54*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.0*		µg/kg dry		*31.3*		*109*	*30-150*		
Matrix Spike (7052299-MS1) **Source: SA62733-09**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	23.3		µg/kg dry	16.3	32.5	BRL	72	30-150		
a-BHC	25.1		µg/kg dry	16.3	32.5	BRL	77	30-150		
b-BHC	29.2		µg/kg dry	16.3	32.5	BRL	90	30-150		
d-BHC	21.3		µg/kg dry	16.3	32.5	BRL	66	30-150		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052299 - SW846 3550B										
Matrix Spike (7052299-MS1) **Source: SA62733-09**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
g-BHC (Lindane)	28.2		µg/kg dry	16.3	32.5	BRL	87	30-150		
4,4'-DDD (p,p')	24.5		µg/kg dry	16.3	32.5	BRL	75	30-150		
4,4'-DDE (p,p')	19.7		µg/kg dry	16.3	32.5	BRL	61	30-150		
4,4'-DDT (p,p')	33.2		µg/kg dry	16.3	32.5	BRL	102	30-150		
Dieldrin	23.4		µg/kg dry	16.3	32.5	BRL	72	30-150		
Endosulfan I	24.8		µg/kg dry	16.3	32.5	BRL	76	30-150		
Endosulfan II	26.0		µg/kg dry	16.3	32.5	BRL	80	30-150		
Endosulfan Sulfate	21.1		µg/kg dry	16.3	32.5	BRL	65	30-150		
Endrin	32.7		µg/kg dry	16.3	32.5	BRL	101	30-150		
Endrin Aldehyde	23.3		µg/kg dry	16.3	32.5	BRL	72	30-150		
Heptachlor	27.6		µg/kg dry	16.3	32.5	BRL	85	30-150		
Methoxychlor	33.8		µg/kg dry	16.3	32.5	BRL	104	30-150		
Heptachlor Epoxide	27.3		µg/kg dry	16.3	32.5	BRL	84	30-150		
a-Chlordane	27.6		µg/kg dry	16.3	32.5	BRL	85	30-150		
g-Chlordane	22.4		µg/kg dry	16.3	32.5	BRL	69	30-150		
Endrin Ketone	31.1		µg/kg dry	16.3	32.5	BRL	96	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg dry		*32.5*		*49*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.0*		µg/kg dry		*32.5*		*92*	*30-150*		
Matrix Spike Dup (7052299-MSD1) **Source: SA62733-09**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Aldrin	20.1		µg/kg dry	15.8	31.5	BRL	64	30-150	12	30
a-BHC	20.9		µg/kg dry	15.8	31.5	BRL	66	30-150	15	30
b-BHC	25.9		µg/kg dry	15.8	31.5	BRL	82	30-150	9	30
d-BHC	18.3		µg/kg dry	15.8	31.5	BRL	58	30-150	13	30
g-BHC (Lindane)	24.4		µg/kg dry	15.8	31.5	BRL	77	30-150	12	30
4,4'-DDD (p,p')	18.3		µg/kg dry	15.8	31.5	BRL	58	30-150	26	30
4,4'-DDE (p,p')	16.1		µg/kg dry	15.8	31.5	BRL	51	30-150	18	30
4,4'-DDT (p,p')	26.3		µg/kg dry	15.8	31.5	BRL	83	30-150	21	30
Dieldrin	20.0		µg/kg dry	15.8	31.5	BRL	63	30-150	13	30
Endosulfan I	20.9		µg/kg dry	15.8	31.5	BRL	66	30-150	14	30
Endosulfan II	21.9		µg/kg dry	15.8	31.5	BRL	70	30-150	13	30
Endosulfan Sulfate	18.7		µg/kg dry	15.8	31.5	BRL	59	30-150	10	30
Endrin	25.7		µg/kg dry	15.8	31.5	BRL	82	30-150	21	30
Endrin Aldehyde	21.6		µg/kg dry	15.8	31.5	BRL	69	30-150	4	30
Heptachlor	23.9		µg/kg dry	15.8	31.5	BRL	76	30-150	11	30
Methoxychlor	36.9		µg/kg dry	15.8	31.5	BRL	117	30-150	12	30
Heptachlor Epoxide	20.8		µg/kg dry	15.8	31.5	BRL	66	30-150	24	30
a-Chlordane	25.2		µg/kg dry	15.8	31.5	BRL	80	30-150	6	50
g-Chlordane	16.8		µg/kg dry	15.8	31.5	BRL	53	30-150	26	50
Endrin Ketone	29.1		µg/kg dry	15.8	31.5	BRL	92	30-150	4	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.1*		µg/kg dry		*31.5*		*51*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.4*		µg/kg dry		*31.5*		*100*	*30-150*		
Batch 7052301 - SW846 3550B										
Blank (7052301-BLK1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052301 - SW846 3550B										
Blank (7052301-BLK1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
LCS (7052301-BS1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	409		µg/kg wet	28.6	357		115	40-140		
PCB 1260	373		µg/kg wet	28.6	357		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
LCS Dup (7052301-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	403		µg/kg wet	28.6	357		113	40-140	2	30
PCB 1260	377		µg/kg wet	28.6	357		106	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Duplicate (7052301-DUP1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	BRL		µg/kg dry	31.3		BRL				40
PCB 1221	BRL		µg/kg dry	31.3		BRL				40
PCB 1232	BRL		µg/kg dry	31.3		BRL				40
PCB 1242	BRL		µg/kg dry	31.3		BRL				40
PCB 1248	BRL		µg/kg dry	31.3		BRL				40
PCB 1254	BRL		µg/kg dry	31.3		BRL				40
PCB 1260	BRL		µg/kg dry	31.3		BRL				40
PCB 1262	BRL		µg/kg dry	31.3		BRL				40
PCB 1268	BRL		µg/kg dry	31.3		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.3*		µg/kg dry		*31.3*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.3*		*70*	*30-150*		
Matrix Spike (7052301-MS1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	437		µg/kg dry	31.4	392	BRL	111	40-140		
PCB 1260	386		µg/kg dry	31.4	392	BRL	98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.8*		µg/kg dry		*31.4*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.4*		*70*	*30-150*		
Matrix Spike Dup (7052301-MSD1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	441		µg/kg dry	31.6	395	BRL	112	40-140	0.9	50
PCB 1260	379		µg/kg dry	31.6	395	BRL	96	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg dry		*31.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.1*		µg/kg dry		*31.6*		*70*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052180 - SW846 3510C										
Blank (7052180-BLK1)										
Prepared & Analyzed: 30-May-07										
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	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	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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052180 - SW846 3510C										
Blank (7052180-BLK1)										
Prepared & Analyzed: 30-May-07										
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	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	5.00						
Naphthalene	BRL		µg/l	0.050						
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	5.00						
Phenanthrene	BRL		µg/l	0.050						
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						
Surrogate: 2-Fluorobiphenyl	*76.6*		µg/l		*100*		*77*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*76.6*		µg/l		*100*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*76.0*		µg/l		*100*		*76*	*15-110*		
Surrogate: Nitrobenzene-d5	*78.9*		µg/l		*100*		*79*	*30-130*		
Surrogate: Phenol-d5	*69.4*		µg/l		*100*		*69*	*15-110*		
Surrogate: Terphenyl-dl4	*76.4*		µg/l		*100*		*76*	*30-130*		
Surrogate: Terphenyl-dl4	*76.4*		µg/l		*100*		*76*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*64.9*		µg/l		*100*		*65*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052180 - SW846 3510C										
LCS (7052180-BS1)										
Prepared & Analyzed: 30-May-07										
Acenaphthene	72.5		µg/l	0.050	100		72	40-140		
Acenaphthene	72.5		µg/l	5.00	100		72	40-130		
Acenaphthylene	80.3		µg/l	5.00	100		80	40-130		
Acenaphthylene	80.3		µg/l	0.050	100		80	40-140		
1-Methylnaphthalene	73.6		µg/l	0.050	100		74	40-140		
Aniline	102		µg/l	5.00	100		102	40-130		
Anthracene	81.9		µg/l	0.050	100		82	40-140		
Anthracene	81.9		µg/l	5.00	100		82	40-130		
Atrazine	171		µg/l	5.00	100		171	0-200		
Azobenzene/Diphenyldiazine	86.3		µg/l	5.00	100		86	40-130		
Benzidine	273	QC2	µg/l	5.00	100		273	0-212		
Benzo (a) anthracene	74.0		µg/l	0.050	100		74	40-140		
Benzo (a) anthracene	74.0		µg/l	5.00	100		74	40-130		
Benzo (a) pyrene	78.6		µg/l	0.050	100		79	40-140		
Benzo (a) pyrene	78.6		µg/l	5.00	100		79	40-130		
Benzo (b) fluoranthene	68.6		µg/l	5.00	100		69	40-130		
Benzo (b) fluoranthene	68.6		µg/l	0.050	100		69	40-140		
Benzo (g,h,i) perylene	71.8		µg/l	5.00	100		72	40-130		
Benzo (g,h,i) perylene	71.8		µg/l	0.050	100		72	40-140		
Benzo (k) fluoranthene	83.0		µg/l	0.050	100		83	40-140		
Benzo (k) fluoranthene	83.0		µg/l	5.00	100		83	40-130		
Benzoic acid	4.24	QC2	µg/l	5.00	100		4	10.5-130		
Benzyl alcohol	57.5		µg/l	5.00	100		58	40-130		
Bis(2-chloroethoxy)methane	71.5		µg/l	5.00	100		72	40-130		
Bis(2-chloroethyl)ether	61.8		µg/l	5.00	100		62	40-130		
Bis(2-chloroisopropyl)ether	82.6		µg/l	5.00	100		83	40-130		
Bis(2-ethylhexyl)phthalate	71.1		µg/l	5.00	100		71	40-130		
4-Bromophenyl phenyl ether	76.2		µg/l	5.00	100		76	40-130		
Butyl benzyl phthalate	69.9		µg/l	5.00	100		70	40-130		
Carbazole	98.8		µg/l	5.00	100		99	40-130		
4-Chloro-3-methylphenol	65.7		µg/l	5.00	100		66	40-130		
4-Chloroaniline	77.4		µg/l	5.00	100		77	40-130		
2-Chloronaphthalene	73.1		µg/l	5.00	100		73	40-130		
2-Chlorophenol	60.2		µg/l	5.00	100		60	40-130		
4-Chlorophenyl phenyl ether	78.2		µg/l	5.00	100		78	40-130		
Chrysene	74.2		µg/l	0.050	100		74	40-140		
Chrysene	74.2		µg/l	5.00	100		74	40-130		
Dibenzo (a,h) anthracene	81.3		µg/l	5.00	100		81	40-130		
Dibenzo (a,h) anthracene	81.3		µg/l	0.050	100		81	40-140		
Dibenzofuran	78.0		µg/l	5.00	100		78	40-130		
1,2-Dichlorobenzene	62.6		µg/l	5.00	100		63	40-130		
1,3-Dichlorobenzene	57.3		µg/l	5.00	100		57	40-130		
1,4-Dichlorobenzene	62.1		µg/l	5.00	100		62	40-130		
3,3´-Dichlorobenzidine	78.5		µg/l	5.00	100		78	40-130		
2,4-Dichlorophenol	60.7		µg/l	5.00	100		61	40-130		
Diethyl phthalate	72.7		µg/l	5.00	100		73	40-130		
Dimethyl phthalate	71.4		µg/l	5.00	100		71	40-130		
2,4-Dimethylphenol	58.7		µg/l	5.00	100		59	40-130		
Di-n-butyl phthalate	73.0		µg/l	5.00	100		73	40-130		
4,6-Dinitro-2-methylphenol	26.3	QC2	µg/l	5.00	100		26	40-130		
2,4-Dinitrophenol	11.2	QC2	µg/l	5.00	100		11	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052180 - SW846 3510C										
LCS (7052180-BS1)										
Prepared & Analyzed: 30-May-07										
2,4-Dinitrotoluene	82.4		µg/l	5.00	100		82	40-130		
2,6-Dinitrotoluene	80.4		µg/l	5.00	100		80	40-130		
Di-n-octyl phthalate	79.0		µg/l	5.00	100		79	40-130		
Fluoranthene	76.1		µg/l	5.00	100		76	40-130		
Fluoranthene	76.1		µg/l	0.050	100		76	40-140		
Fluorene	76.6		µg/l	0.050	100		77	40-140		
Fluorene	76.6		µg/l	5.00	100		77	40-130		
Hexachlorobenzene	75.9		µg/l	5.00	100		76	40-130		
Hexachlorobutadiene	68.6		µg/l	5.00	100		69	40-130		
Hexachlorocyclopentadiene	74.6		µg/l	5.00	100		75	40-130		
Hexachloroethane	65.7		µg/l	5.00	100		66	40-130		
Indeno (1,2,3-cd) pyrene	78.9		µg/l	5.00	100		79	40-130		
Indeno (1,2,3-cd) pyrene	78.9		µg/l	0.050	100		79	40-140		
Isophorone	74.4		µg/l	5.00	100		74	40-130		
2-Methylnaphthalene	70.6		µg/l	5.00	100		71	40-130		
2-Methylnaphthalene	70.6		µg/l	0.050	100		71	40-140		
2-Methylphenol	61.8		µg/l	5.00	100		62	40-130		
3,4-Methylphenol	67.4		µg/l	10.0	100		67	40-130		
Naphthalene	75.6		µg/l	0.050	100		76	40-140		
Naphthalene	75.6		µg/l	5.00	100		76	40-130		
2-Nitroaniline	84.8		µg/l	5.00	100		85	40-130		
3-Nitroaniline	90.6		µg/l	5.00	100		91	40-130		
4-Nitroaniline	110		µg/l	20.0	100		110	40-130		
Nitrobenzene	72.0		µg/l	5.00	100		72	40-130		
2-Nitrophenol	63.0		µg/l	5.00	100		63	40-130		
4-Nitrophenol	56.1		µg/l	20.0	100		56	40-130		
N-Nitrosodimethylamine	78.5		µg/l	5.00	100		78	40-130		
N-Nitrosodi-n-propylamine	67.0		µg/l	5.00	100		67	40-130		
N-Nitrosodiphenylamine	80.7		µg/l	5.00	100		81	40-130		
Pentachlorophenol	48.6		µg/l	20.0	100		49	40-130		
Phenanthrene	76.8		µg/l	5.00	100		77	40-130		
Phenanthrene	76.8		µg/l	0.050	100		77	40-140		
Phenol	65.1		µg/l	5.00	100		65	40-130		
Pyrene	73.9		µg/l	0.050	100		74	40-140		
Pyrene	73.9		µg/l	5.00	100		74	40-130		
Pyridine	65.1		µg/l	5.00	100		65	40-130		
Hexachlorobenzene	75.9		µg/l	1.00	100		76	40-140		
1,2,4-Trichlorobenzene	67.4		µg/l	5.00	100		67	40-130		
1-Methylnaphthalene	73.6		µg/l	5.00	100		74	40-140		
Hexachloroethane	65.7		µg/l	1.00	100		66	40-140		
2,4,5-Trichlorophenol	63.3		µg/l	5.00	100		63	40-130		
Pentachlorophenol	48.6		µg/l	1.00	100		49	30-130		
2,4,6-Trichlorophenol	54.0		µg/l	5.00	100		54	40-130		
Hexachlorobutadiene	68.6		µg/l	0.500	100		69	40-140		
Surrogate: 2-Fluorobiphenyl	*79.9*		µg/l		*100*		*80*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*79.9*		µg/l		*100*		*80*	*30-130*		
Surrogate: 2-Fluorophenol	*62.7*		µg/l		*100*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*80.0*		µg/l		*100*		*80*	*30-130*		
Surrogate: Phenol-d5	*62.5*		µg/l		*100*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*84.3*		µg/l		*100*		*84*	*30-130*		
Surrogate: Terphenyl-dl4	*84.3*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*80.0*		µg/l		*100*		*80*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
Blank (7052303-BLK1)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Acenaphthene	BRL		µg/kg wet	190						
Acenaphthylene	BRL		µg/kg wet	190						
Aniline	BRL		µg/kg wet	190						
Anthracene	BRL		µg/kg wet	190						
Atrazine	BRL		µg/kg wet	190						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	190						
Benzidine	BRL		µg/kg wet	190						
Benzo (a) anthracene	BRL		µg/kg wet	190						
Benzo (a) pyrene	BRL		µg/kg wet	190						
Benzo (b) fluoranthene	BRL		µg/kg wet	190						
Benzo (g,h,i) perylene	BRL		µg/kg wet	190						
Benzo (k) fluoranthene	BRL		µg/kg wet	190						
Benzoic acid	BRL		µg/kg wet	190						
Benzyl alcohol	BRL		µg/kg wet	190						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	190						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	190						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	190						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	190						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	190						
Butyl benzyl phthalate	BRL		µg/kg wet	190						
Carbazole	BRL		µg/kg wet	190						
4-Chloro-3-methylphenol	BRL		µg/kg wet	190						
4-Chloroaniline	BRL		µg/kg wet	190						
2-Chloronaphthalene	BRL		µg/kg wet	190						
2-Chlorophenol	BRL		µg/kg wet	190						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	190						
Chrysene	BRL		µg/kg wet	190						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	190						
Dibenzofuran	BRL		µg/kg wet	190						
1,2-Dichlorobenzene	BRL		µg/kg wet	190						
1,3-Dichlorobenzene	BRL		µg/kg wet	190						
1,4-Dichlorobenzene	BRL		µg/kg wet	190						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	190						
2,4-Dichlorophenol	BRL		µg/kg wet	190						
Diethyl phthalate	BRL		µg/kg wet	190						
Dimethyl phthalate	BRL		µg/kg wet	190						
2,4-Dimethylphenol	BRL		µg/kg wet	190						
Di-n-butyl phthalate	BRL		µg/kg wet	190						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	190						
2,4-Dinitrophenol	BRL		µg/kg wet	190						
2,4-Dinitrotoluene	BRL		µg/kg wet	190						
2,6-Dinitrotoluene	BRL		µg/kg wet	190						
Di-n-octyl phthalate	BRL		µg/kg wet	190						
Fluoranthene	BRL		µg/kg wet	190						
Fluorene	BRL		µg/kg wet	190						
Hexachlorobenzene	BRL		µg/kg wet	190						
Hexachlorobutadiene	BRL		µg/kg wet	190						
Hexachlorocyclopentadiene	BRL		µg/kg wet	190						
Hexachloroethane	BRL		µg/kg wet	190						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	190						
Isophorone	BRL		µg/kg wet	190						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
Blank (7052303-BLK1)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
1-Methylnaphthalene	BRL		µg/kg wet	190						
2-Methylnaphthalene	BRL		µg/kg wet	190						
2-Methylphenol	BRL		µg/kg wet	190						
3,4-Methylphenol	BRL		µg/kg wet	190						
Naphthalene	BRL		µg/kg wet	190						
2-Nitroaniline	BRL		µg/kg wet	190						
3-Nitroaniline	BRL		µg/kg wet	190						
4-Nitroaniline	BRL		µg/kg wet	762						
Nitrobenzene	BRL		µg/kg wet	190						
2-Nitrophenol	BRL		µg/kg wet	190						
4-Nitrophenol	BRL		µg/kg wet	762						
N-Nitrosodimethylamine	BRL		µg/kg wet	190						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	190						
N-Nitrosodiphenylamine	BRL		µg/kg wet	190						
Pentachlorophenol	BRL		µg/kg wet	190						
Phenanthrene	BRL		µg/kg wet	190						
Phenol	BRL		µg/kg wet	190						
Pyrene	BRL		µg/kg wet	190						
Pyridine	BRL		µg/kg wet	190						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	190						
2,4,5-Trichlorophenol	BRL		µg/kg wet	190						
2,4,6-Trichlorophenol	BRL		µg/kg wet	190						
Surrogate: 2-Fluorobiphenyl	*4250*		µg/kg wet		*7690*		*55*	*30-130*		
Surrogate: 2-Fluorophenol	*4580*		µg/kg wet		*7690*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*3980*		µg/kg wet		*7690*		*52*	*30-130*		
Surrogate: Phenol-d5	*4300*		µg/kg wet		*7690*		*56*	*15-110*		
Surrogate: Terphenyl-dl4	*5060*		µg/kg wet		*7690*		*66*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4270*		µg/kg wet		*7690*		*56*	*15-110*		
LCS (7052303-BS1)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Acenaphthene	2630		µg/kg wet	190	3850		68	40-130		
Acenaphthylene	2910		µg/kg wet	190	3850		76	40-130		
Aniline	4490		µg/kg wet	190	3850		117	40-130		
Anthracene	2820		µg/kg wet	190	3850		73	40-130		
Atrazine	11900	QC2	µg/kg wet	190	3850		309	40-130		
Azobenzene/Diphenyldiazine	2290		µg/kg wet	190	3850		59	40-130		
Benzidine	3510		µg/kg wet	190	3850		91	0-130		
Benzo (a) anthracene	2600		µg/kg wet	190	3850		68	40-130		
Benzo (a) pyrene	2860		µg/kg wet	190	3850		74	40-130		
Benzo (b) fluoranthene	2650		µg/kg wet	190	3850		69	40-130		
Benzo (g,h,i) perylene	2960		µg/kg wet	190	3850		77	40-130		
Benzo (k) fluoranthene	2890		µg/kg wet	190	3850		75	40-130		
Benzoic acid	1900		µg/kg wet	190	3850		49	6.16-130		
Benzyl alcohol	1920		µg/kg wet	190	3850		50	40-130		
Bis(2-chloroethoxy)methane	1920		µg/kg wet	190	3850		50	40-130		
Bis(2-chloroethyl)ether	3120		µg/kg wet	190	3850		81	40-130		
Bis(2-chloroisopropyl)ether	2510		µg/kg wet	190	3850		65	40-130		
Bis(2-ethylhexyl)phthalate	2540		µg/kg wet	190	3850		66	40-130		
4-Bromophenyl phenyl ether	2700		µg/kg wet	190	3850		70	40-130		
Butyl benzyl phthalate	2460		µg/kg wet	190	3850		64	40-130		
Carbazole	7050	QC2	µg/kg wet	190	3850		183	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
LCS (7052303-BS1)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
4-Chloro-3-methylphenol	2040		µg/kg wet	190	3850		53	40-130		
4-Chloroaniline	3110		µg/kg wet	190	3850		81	40-130		
2-Chloronaphthalene	2580		µg/kg wet	190	3850		67	40-130		
2-Chlorophenol	2280		µg/kg wet	190	3850		59	40-130		
4-Chlorophenyl phenyl ether	2950		µg/kg wet	190	3850		77	40-130		
Chrysene	2830		µg/kg wet	190	3850		74	40-130		
Dibenzo (a,h) anthracene	2970		µg/kg wet	190	3850		77	40-130		
Dibenzofuran	2760		µg/kg wet	190	3850		72	40-130		
1,2-Dichlorobenzene	2750		µg/kg wet	190	3850		71	40-130		
1,3-Dichlorobenzene	2100		µg/kg wet	190	3850		55	40-130		
1,4-Dichlorobenzene	2570		µg/kg wet	190	3850		67	40-130		
3,3'-Dichlorobenzidine	3650		µg/kg wet	190	3850		95	40-130		
2,4-Dichlorophenol	1990		µg/kg wet	190	3850		52	40-130		
Diethyl phthalate	2740		µg/kg wet	190	3850		71	40-130		
Dimethyl phthalate	2800		µg/kg wet	190	3850		73	40-130		
2,4-Dimethylphenol	1810		µg/kg wet	190	3850		47	40-130		
Di-n-butyl phthalate	2620		µg/kg wet	190	3850		68	40-130		
4,6-Dinitro-2-methylphenol	2810		µg/kg wet	190	3850		73	40-130		
2,4-Dinitrophenol	3170		µg/kg wet	190	3850		82	40-130		
2,4-Dinitrotoluene	3270		µg/kg wet	190	3850		85	40-130		
2,6-Dinitrotoluene	3370		µg/kg wet	190	3850		88	40-130		
Di-n-octyl phthalate	2440		µg/kg wet	190	3850		63	40-130		
Fluoranthene	2810		µg/kg wet	190	3850		73	40-130		
Fluorene	2850		µg/kg wet	190	3850		74	40-130		
Hexachlorobenzene	2860		µg/kg wet	190	3850		74	40-130		
Hexachlorobutadiene	2100		µg/kg wet	190	3850		55	40-130		
Hexachlorocyclopentadiene	1450	QC2	µg/kg wet	190	3850		38	40-130		
Hexachloroethane	2500		µg/kg wet	190	3850		65	40-130		
Indeno (1,2,3-cd) pyrene	2980		µg/kg wet	190	3850		77	40-130		
Isophorone	2140		µg/kg wet	190	3850		56	40-130		
1-Methylnaphthalene	2720		µg/kg wet	190	3850		71	40-140		
2-Methylnaphthalene	2380		µg/kg wet	190	3850		62	40-130		
2-Methylphenol	2450		µg/kg wet	190	3850		64	40-130		
3,4-Methylphenol	2330		µg/kg wet	190	3850		61	40-130		
Naphthalene	1970		µg/kg wet	190	3850		51	40-130		
2-Nitroaniline	3140		µg/kg wet	190	3850		82	40-130		
3-Nitroaniline	2800		µg/kg wet	190	3850		73	40-130		
4-Nitroaniline	4450		µg/kg wet	762	3850		116	40-130		
Nitrobenzene	2030		µg/kg wet	190	3850		53	40-130		
2-Nitrophenol	1850		µg/kg wet	190	3850		48	40-130		
4-Nitrophenol	2040		µg/kg wet	762	3850		53	40-130		
N-Nitrosodimethylamine	2210		µg/kg wet	190	3850		57	40-130		
N-Nitrosodi-n-propylamine	2450		µg/kg wet	190	3850		64	40-130		
N-Nitrosodiphenylamine	3390		µg/kg wet	190	3850		88	40-130		
Pentachlorophenol	2620		µg/kg wet	190	3850		68	40-130		
Phenanthrene	2580		µg/kg wet	190	3850		67	40-130		
Phenol	2390		µg/kg wet	190	3850		62	40-130		
Pyrene	2570		µg/kg wet	190	3850		67	40-130		
Pyridine	1760		µg/kg wet	190	3850		46	40-130		
1,2,4-Trichlorobenzene	2150		µg/kg wet	190	3850		56	40-130		
2,4,5-Trichlorophenol	2500		µg/kg wet	190	3850		65	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
LCS (7052303-BS1)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
2,4,6-Trichlorophenol	2320		µg/kg wet	190	3850		60	40-130		
Surrogate: 2-Fluorobiphenyl	*4310*		µg/kg wet		*3850*		*112*	*30-130*		
Surrogate: 2-Fluorophenol	*3610*		µg/kg wet		*3850*		*94*	*15-110*		
Surrogate: Nitrobenzene-d5	*2930*		µg/kg wet		*3850*		*76*	*30-130*		
Surrogate: Phenol-d5	*3120*		µg/kg wet		*3850*		*81*	*15-110*		
Surrogate: Terphenyl-dl4	*4510*		µg/kg wet		*3850*		*117*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4170*		µg/kg wet		*3850*		*108*	*15-110*		
Duplicate (7052303-DUP1) **Source: SA62684-04**										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Acenaphthene	BRL		µg/kg dry	185		BRL				50
Acenaphthylene	BRL		µg/kg dry	185		BRL				50
Aniline	BRL		µg/kg dry	185		BRL				50
Anthracene	BRL		µg/kg dry	185		BRL				50
Atrazine	BRL		µg/kg dry	185		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	185		BRL				50
Benzidine	BRL		µg/kg dry	185		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	185		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	185		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	185		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	185		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	185		BRL				50
Benzoic acid	BRL		µg/kg dry	185		BRL				50
Benzyl alcohol	BRL		µg/kg dry	185		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	185		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	185		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	185		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	185		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	185		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	185		BRL				50
Carbazole	BRL		µg/kg dry	185		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	185		BRL				50
4-Chloroaniline	BRL		µg/kg dry	185		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	185		BRL				50
2-Chlorophenol	BRL		µg/kg dry	185		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	185		BRL				50
Chrysene	BRL		µg/kg dry	185		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	185		BRL				50
Dibenzofuran	BRL		µg/kg dry	185		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	185		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	185		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	185		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	185		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	185		BRL				50
Diethyl phthalate	BRL		µg/kg dry	185		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	185		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	185		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	185		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	185		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	185		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	185		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	185		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
Duplicate (7052303-DUP1) **Source: SA62684-04**										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Di-n-octyl phthalate	BRL		µg/kg dry	185		BRL				50
Fluoranthene	BRL		µg/kg dry	185		BRL				50
Fluorene	BRL		µg/kg dry	185		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	185		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	185		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	185		BRL				50
Hexachloroethane	BRL		µg/kg dry	185		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	185		BRL				50
Isophorone	BRL		µg/kg dry	185		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	185		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	185		BRL				50
2-Methylphenol	BRL		µg/kg dry	185		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	185		BRL				50
Naphthalene	BRL		µg/kg dry	185		BRL				50
2-Nitroaniline	BRL		µg/kg dry	185		BRL				50
3-Nitroaniline	BRL		µg/kg dry	185		BRL				50
4-Nitroaniline	BRL		µg/kg dry	738		BRL				50
Nitrobenzene	BRL		µg/kg dry	185		BRL				50
2-Nitrophenol	BRL		µg/kg dry	185		BRL				50
4-Nitrophenol	BRL		µg/kg dry	738		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	185		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	185		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	185		BRL				50
Pentachlorophenol	BRL		µg/kg dry	185		BRL				50
Phenanthrene	BRL		µg/kg dry	185		BRL				50
Phenol	BRL		µg/kg dry	185		BRL				50
Pyrene	BRL		µg/kg dry	185		BRL				50
Pyridine	BRL		µg/kg dry	185		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	185		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	185		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	185		BRL				50
Surrogate: 2-Fluorobiphenyl	*1210*		µg/kg dry		*1860*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*1080*		µg/kg dry		*1860*		*58*	*15-110*		
Surrogate: Nitrobenzene-d5	*1050*		µg/kg dry		*1860*		*56*	*30-130*		
Surrogate: Phenol-d5	*1170*		µg/kg dry		*1860*		*63*	*15-110*		
Surrogate: Terphenyl-dl4	*1430*		µg/kg dry		*1860*		*77*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1260*		µg/kg dry		*1860*		*68*	*15-110*		
Matrix Spike (7052303-MS1) **Source: SA62684-04**										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Acenaphthene	2190		µg/kg dry	184	3710	BRL	59	40-140		
4-Chloro-3-methylphenol	3880		µg/kg dry	184	7430	BRL	52	30-130		
2-Chlorophenol	3680		µg/kg dry	184	7430	BRL	50	30-130		
1,4-Dichlorobenzene	2010		µg/kg dry	184	3710	BRL	54	40-140		
2,4-Dinitrotoluene	2560		µg/kg dry	184	3710	BRL	69	40-140		
4-Nitrophenol	3180		µg/kg dry	736	7430	BRL	43	30-130		
N-Nitrosodi-n-propylamine	1850		µg/kg dry	184	3710	BRL	50	40-140		
Pentachlorophenol	4200		µg/kg dry	184	7430	BRL	57	30-130		
Phenol	3240		µg/kg dry	184	7430	BRL	44	30-130		
Pyrene	2390		µg/kg dry	184	3710	BRL	64	40-140		
1,2,4-Trichlorobenzene	2000		µg/kg dry	184	3710	BRL	54	40-140		
Surrogate: 2-Fluorobiphenyl	*2590*		µg/kg dry		*3710*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*2030*		µg/kg dry		*3710*		*55*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052303 - SW846 3545A										
Matrix Spike (7052303-MS1) **Source: SA62684-04**										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Surrogate: Nitrobenzene-d5	*1870*		µg/kg dry		*3710*		*50*	*30-130*		
Surrogate: Phenol-d5	*2090*		µg/kg dry		*3710*		*56*	*15-110*		
Surrogate: Terphenyl-dl4	*2910*		µg/kg dry		*3710*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2720*		µg/kg dry		*3710*		*73*	*15-110*		
Matrix Spike Dup (7052303-MSD1) **Source: SA62684-04**										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
Acenaphthene	2440		µg/kg dry	188	3800	BRL	64	40-140	8	30
4-Chloro-3-methylphenol	4680		µg/kg dry	188	7600	BRL	62	30-130	18	30
2-Chlorophenol	4420		µg/kg dry	188	7600	BRL	58	30-130	15	30
1,4-Dichlorobenzene	2140		µg/kg dry	188	3800	BRL	56	40-140	4	30
2,4-Dinitrotoluene	2680		µg/kg dry	188	3800	BRL	71	40-140	3	30
4-Nitrophenol	3560		µg/kg dry	752	7600	BRL	47	30-130	9	30
N-Nitrosodi-n-propylamine	2150		µg/kg dry	188	3800	BRL	57	40-140	13	30
Pentachlorophenol	4500		µg/kg dry	188	7600	BRL	59	30-130	3	30
Phenol	4050		µg/kg dry	188	7600	BRL	53	30-130	19	30
Pyrene	2580		µg/kg dry	188	3800	BRL	68	40-140	6	30
1,2,4-Trichlorobenzene	2090		µg/kg dry	188	3800	BRL	55	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*2870*		µg/kg dry		*3800*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*2390*		µg/kg dry		*3800*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*1770*		µg/kg dry		*3800*		*47*	*30-130*		
Surrogate: Phenol-d5	*1930*		µg/kg dry		*3800*		*51*	*15-110*		
Surrogate: Terphenyl-dl4	*3310*		µg/kg dry		*3800*		*87*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3210*		µg/kg dry		*3800*		*84*	*15-110*		
Batch 7060013 - SW846 3550B										
Blank (7060013-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	BRL		µg/kg wet	225						
Acenaphthylene	BRL		µg/kg wet	225						
Aniline	BRL		µg/kg wet	225						
Anthracene	BRL		µg/kg wet	225						
Atrazine	BRL		µg/kg wet	225						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	225						
Benzidine	BRL		µg/kg wet	225						
Benzo (a) anthracene	BRL		µg/kg wet	225						
Benzo (a) pyrene	BRL		µg/kg wet	225						
Benzo (b) fluoranthene	BRL		µg/kg wet	225						
Benzo (g,h,i) perylene	BRL		µg/kg wet	225						
Benzo (k) fluoranthene	BRL		µg/kg wet	225						
Benzoic acid	BRL		µg/kg wet	225						
Benzyl alcohol	BRL		µg/kg wet	225						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	225						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	225						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	225						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	225						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	225						
Butyl benzyl phthalate	BRL		µg/kg wet	225						
Carbazole	BRL		µg/kg wet	225						
4-Chloro-3-methylphenol	BRL		µg/kg wet	225						
4-Chloroaniline	BRL		µg/kg wet	225						
2-Chloronaphthalene	BRL		µg/kg wet	225						
2-Chlorophenol	BRL		µg/kg wet	225						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060013 - SW846 3550B										
Blank (7060013-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	225						
Chrysene	BRL		µg/kg wet	225						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	225						
Dibenzofuran	BRL		µg/kg wet	225						
1,2-Dichlorobenzene	BRL		µg/kg wet	225						
1,3-Dichlorobenzene	BRL		µg/kg wet	225						
1,4-Dichlorobenzene	BRL		µg/kg wet	225						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	225						
2,4-Dichlorophenol	BRL		µg/kg wet	225						
Diethyl phthalate	BRL		µg/kg wet	225						
Dimethyl phthalate	BRL		µg/kg wet	225						
2,4-Dimethylphenol	BRL		µg/kg wet	225						
Di-n-butyl phthalate	BRL		µg/kg wet	225						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	225						
2,4-Dinitrophenol	BRL		µg/kg wet	225						
2,4-Dinitrotoluene	BRL		µg/kg wet	225						
2,6-Dinitrotoluene	BRL		µg/kg wet	225						
Di-n-octyl phthalate	BRL		µg/kg wet	225						
Fluoranthene	BRL		µg/kg wet	225						
Fluorene	BRL		µg/kg wet	225						
Hexachlorobenzene	BRL		µg/kg wet	225						
Hexachlorobutadiene	BRL		µg/kg wet	225						
Hexachlorocyclopentadiene	BRL		µg/kg wet	225						
Hexachloroethane	BRL		µg/kg wet	225						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	225						
1-Methylnaphthalene	BRL		µg/kg wet	225						
Isophorone	BRL		µg/kg wet	225						
2-Methylnaphthalene	BRL		µg/kg wet	225						
2-Methylphenol	BRL		µg/kg wet	225						
3,4-Methylphenol	BRL		µg/kg wet	225						
Naphthalene	BRL		µg/kg wet	225						
2-Nitroaniline	BRL		µg/kg wet	225						
3-Nitroaniline	BRL		µg/kg wet	225						
4-Nitroaniline	BRL		µg/kg wet	900						
Nitrobenzene	BRL		µg/kg wet	225						
2-Nitrophenol	BRL		µg/kg wet	225						
4-Nitrophenol	BRL		µg/kg wet	900						
N-Nitrosodimethylamine	BRL		µg/kg wet	225						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	225						
N-Nitrosodiphenylamine	BRL		µg/kg wet	225						
Pentachlorophenol	BRL		µg/kg wet	225						
Phenanthrene	BRL		µg/kg wet	225						
Phenol	BRL		µg/kg wet	225						
Pyrene	BRL		µg/kg wet	225						
Pyridine	BRL		µg/kg wet	225						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	225						
2,4,5-Trichlorophenol	BRL		µg/kg wet	225						
2,4,6-Trichlorophenol	BRL		µg/kg wet	225						
Surrogate: 2-Fluorobiphenyl	*3150*		µg/kg wet		*4550*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*3290*		µg/kg wet		*4550*		*72*	*15-110*		
Surrogate: Nitrobenzene-d5	*2880*		µg/kg wet		*4550*		*63*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060013 - SW846 3550B										
Blank (7060013-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Surrogate: Phenol-d5	*3380*		µg/kg wet		*4550*		*74*	*15-110*		
Surrogate: Terphenyl-dl4	*3560*		µg/kg wet		*4550*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3170*		µg/kg wet		*4550*		*70*	*15-110*		
LCS (7060013-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	3310		µg/kg wet	225	4550		73	40-130		
Acenaphthylene	3770		µg/kg wet	225	4550		83	40-130		
Aniline	6220	QC2	µg/kg wet	225	4550		137	40-130		
Anthracene	3550		µg/kg wet	225	4550		78	40-130		
Atrazine	14100	QC2	µg/kg wet	225	4550		310	40-130		
Azobenzene/Diphenyldiazine	2890		µg/kg wet	225	4550		64	40-130		
Benzidine	BRL		µg/kg wet	225	4550			0-130		
Benzo (a) anthracene	3140		µg/kg wet	225	4550		69	40-130		
Benzo (a) pyrene	3470		µg/kg wet	225	4550		76	40-130		
Benzo (b) fluoranthene	3270		µg/kg wet	225	4550		72	40-130		
Benzo (g,h,i) perylene	3550		µg/kg wet	225	4550		78	40-130		
Benzo (k) fluoranthene	3540		µg/kg wet	225	4550		78	40-130		
Benzoic acid	2160		µg/kg wet	225	4550		47	6.16-130		
Benzyl alcohol	2220		µg/kg wet	225	4550		49	40-130		
Bis(2-chloroethoxy)methane	2370		µg/kg wet	225	4550		52	40-130		
Bis(2-chloroethyl)ether	3860		µg/kg wet	225	4550		85	40-130		
Bis(2-chloroisopropyl)ether	3410		µg/kg wet	225	4550		75	40-130		
Bis(2-ethylhexyl)phthalate	3080		µg/kg wet	225	4550		68	40-130		
4-Bromophenyl phenyl ether	3300		µg/kg wet	225	4550		73	40-130		
Butyl benzyl phthalate	3010		µg/kg wet	225	4550		66	40-130		
Carbazole	8680	QC1	µg/kg wet	225	4550		191	40-130		
4-Chloro-3-methylphenol	2510		µg/kg wet	225	4550		55	40-130		
4-Chloroaniline	3660		µg/kg wet	225	4550		80	40-130		
2-Chloronaphthalene	3220		µg/kg wet	225	4550		71	40-130		
2-Chlorophenol	2930		µg/kg wet	225	4550		64	40-130		
4-Chlorophenyl phenyl ether	3670		µg/kg wet	225	4550		81	40-130		
Chrysene	3480		µg/kg wet	225	4550		76	40-130		
Dibenzo (a,h) anthracene	3590		µg/kg wet	225	4550		79	40-130		
Dibenzofuran	3480		µg/kg wet	225	4550		76	40-130		
1,2-Dichlorobenzene	3630		µg/kg wet	225	4550		80	40-130		
1,3-Dichlorobenzene	2770		µg/kg wet	225	4550		61	40-130		
1,4-Dichlorobenzene	2720		µg/kg wet	225	4550		60	40-130		
3,3´-Dichlorobenzidine	4410		µg/kg wet	225	4550		97	40-130		
2,4-Dichlorophenol	2470		µg/kg wet	225	4550		54	40-130		
Diethyl phthalate	3330		µg/kg wet	225	4550		73	40-130		
Dimethyl phthalate	3450		µg/kg wet	225	4550		76	40-130		
2,4-Dimethylphenol	2300		µg/kg wet	225	4550		51	40-130		
Di-n-butyl phthalate	3160		µg/kg wet	225	4550		69	40-130		
4,6-Dinitro-2-methylphenol	3200		µg/kg wet	225	4550		70	40-130		
2,4-Dinitrophenol	3000		µg/kg wet	225	4550		66	40-130		
2,4-Dinitrotoluene	3980		µg/kg wet	225	4550		87	40-130		
2,6-Dinitrotoluene	4200		µg/kg wet	225	4550		92	40-130		
Di-n-octyl phthalate	3020		µg/kg wet	225	4550		66	40-130		
Fluoranthene	3380		µg/kg wet	225	4550		74	40-130		
Fluorene	3520		µg/kg wet	225	4550		77	40-130		
Hexachlorobenzene	3490		µg/kg wet	225	4550		77	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060013 - SW846 3550B										
LCS (7060013-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Hexachlorobutadiene	2610		µg/kg wet	225	4550		57	40-130		
Hexachlorocyclopentadiene	1630	QC2	µg/kg wet	225	4550		36	40-130		
Hexachloroethane	3250		µg/kg wet	225	4550		71	40-130		
Indeno (1,2,3-cd) pyrene	3560		µg/kg wet	225	4550		78	40-130		
Isophorone	2610		µg/kg wet	225	4550		57	40-130		
1-Methylnaphthalene	3330		µg/kg wet	225	4550		73	40-140		
2-Methylnaphthalene	2490		µg/kg wet	225	4550		55	40-130		
2-Methylphenol	3100		µg/kg wet	225	4550		68	40-130		
3,4-Methylphenol	2960		µg/kg wet	225	4550		65	40-130		
Naphthalene	2510		µg/kg wet	225	4550		55	40-130		
2-Nitroaniline	3960		µg/kg wet	225	4550		87	40-130		
3-Nitroaniline	4350		µg/kg wet	225	4550		96	40-130		
4-Nitroaniline	4790		µg/kg wet	900	4550		105	40-130		
Nitrobenzene	2450		µg/kg wet	225	4550		54	40-130		
2-Nitrophenol	2330		µg/kg wet	225	4550		51	40-130		
4-Nitrophenol	2410		µg/kg wet	900	4550		53	40-130		
N-Nitrosodimethylamine	2730		µg/kg wet	225	4550		60	40-130		
N-Nitrosodi-n-propylamine	3120		µg/kg wet	225	4550		69	40-130		
N-Nitrosodiphenylamine	4230		µg/kg wet	225	4550		93	40-130		
Pentachlorophenol	3110		µg/kg wet	225	4550		68	40-130		
Phenanthrene	3060		µg/kg wet	225	4550		67	40-130		
Phenol	3050		µg/kg wet	225	4550		67	40-130		
Pyrene	3150		µg/kg wet	225	4550		69	40-130		
Pyridine	2130		µg/kg wet	225	4550		47	40-130		
1,2,4-Trichlorobenzene	2680		µg/kg wet	225	4550		59	40-130		
2,4,5-Trichlorophenol	3140		µg/kg wet	225	4550		69	40-130		
2,4,6-Trichlorophenol	2650		µg/kg wet	225	4550		58	40-130		
Surrogate: 2-Fluorobiphenyl	*3450*		µg/kg wet		*4550*		*76*	*30-130*		
Surrogate: 2-Fluorophenol	*2860*		µg/kg wet		*4550*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*2340*		µg/kg wet		*4550*		*51*	*30-130*		
Surrogate: Phenol-d5	*2400*		µg/kg wet		*4550*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*3470*		µg/kg wet		*4550*		*76*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3760*		µg/kg wet		*4550*		*83*	*15-110*		
Duplicate (7060013-DUP1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	BRL		µg/kg dry	708		BRL				50
Acenaphthylene	BRL		µg/kg dry	708		BRL				50
Aniline	BRL		µg/kg dry	708		BRL				50
Anthracene	BRL		µg/kg dry	708		BRL				50
Atrazine	BRL		µg/kg dry	708		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	708		BRL				50
Benzidine	BRL		µg/kg dry	708		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	708		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	708		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	708		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	708		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	708		BRL				50
Benzoic acid	BRL		µg/kg dry	708		BRL				50
Benzyl alcohol	BRL		µg/kg dry	708		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	708		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	708		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060013 - SW846 3550B										
Duplicate (7060013-DUP1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	708		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	708		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	708		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	708		BRL				50
Carbazole	BRL		µg/kg dry	708		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	708		BRL				50
4-Chloroaniline	BRL		µg/kg dry	708		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	708		BRL				50
2-Chlorophenol	BRL		µg/kg dry	708		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	708		BRL				50
Chrysene	BRL		µg/kg dry	708		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	708		BRL				50
Dibenzofuran	BRL		µg/kg dry	708		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	708		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	708		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	708		BRL				50
3,3´-Dichlorobenzidine	BRL		µg/kg dry	708		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	708		BRL				50
Diethyl phthalate	BRL		µg/kg dry	708		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	708		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	708		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	708		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	708		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	708		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	708		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	708		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	708		BRL				50
Fluoranthene	BRL		µg/kg dry	708		BRL				50
Fluorene	BRL		µg/kg dry	708		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	708		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	708		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	708		BRL				50
Hexachloroethane	BRL		µg/kg dry	708		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	708		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	708		BRL				50
Isophorone	BRL		µg/kg dry	708		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	708		BRL				50
2-Methylphenol	BRL		µg/kg dry	708		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	708		BRL				50
Naphthalene	BRL		µg/kg dry	708		BRL				50
2-Nitroaniline	BRL		µg/kg dry	708		BRL				50
3-Nitroaniline	BRL		µg/kg dry	708		BRL				50
4-Nitroaniline	BRL		µg/kg dry	2830		BRL				50
Nitrobenzene	BRL		µg/kg dry	708		BRL				50
2-Nitrophenol	BRL		µg/kg dry	708		BRL				50
4-Nitrophenol	BRL		µg/kg dry	2830		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	708		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	708		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	708		BRL				50
Pentachlorophenol	BRL		µg/kg dry	708		BRL				50
Phenanthrene	BRL		µg/kg dry	708		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060013 - SW846 3550B										
Duplicate (7060013-DUP1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Phenol	BRL		µg/kg dry	708		BRL				50
Pyrene	BRL		µg/kg dry	708		BRL				50
Pyridine	BRL		µg/kg dry	708		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	708		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	708		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	708		BRL				50
Surrogate: 2-Fluorobiphenyl	*3260*		µg/kg dry		*7150*		*46*	*30-130*		
Surrogate: 2-Fluorophenol	*3790*		µg/kg dry		*7150*		*53*	*15-110*		
Surrogate: Nitrobenzene-d5	*3030*		µg/kg dry		*7150*		*42*	*30-130*		
Surrogate: Phenol-d5	*3510*		µg/kg dry		*7150*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*3470*		µg/kg dry		*7150*		*49*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2990*		µg/kg dry		*7150*		*42*	*15-110*		
Matrix Spike (7060013-MS1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	4270		µg/kg dry	350	7060	BRL	60	40-140		
4-Chloro-3-methylphenol	7810		µg/kg dry	350	14100	BRL	55	30-130		
2-Chlorophenol	7470		µg/kg dry	350	14100	BRL	53	30-130		
1,4-Dichlorobenzene	4190		µg/kg dry	350	7060	BRL	59	40-140		
2,4-Dinitrotoluene	4990		µg/kg dry	350	7060	BRL	71	40-140		
4-Nitrophenol	5930		µg/kg dry	1400	14100	BRL	42	30-130		
N-Nitrosodi-n-propylamine	3470		µg/kg dry	350	7060	BRL	49	40-140		
Pentachlorophenol	7970		µg/kg dry	350	14100	BRL	57	30-130		
Phenol	6550		µg/kg dry	350	14100	BRL	46	30-130		
Pyrene	4640		µg/kg dry	350	7060	BRL	66	40-140		
1,2,4-Trichlorobenzene	4070		µg/kg dry	350	7060	BRL	58	40-140		
Surrogate: 2-Fluorobiphenyl	*4820*		µg/kg dry		*7060*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*3910*		µg/kg dry		*7060*		*55*	*15-110*		
Surrogate: Nitrobenzene-d5	*3730*		µg/kg dry		*7060*		*53*	*30-130*		
Surrogate: Phenol-d5	*2890*		µg/kg dry		*7060*		*41*	*15-110*		
Surrogate: Terphenyl-dl4	*5520*		µg/kg dry		*7060*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5140*		µg/kg dry		*7060*		*73*	*15-110*		
Matrix Spike Dup (7060013-MSD1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	4250		µg/kg dry	349	7050	BRL	60	40-140	0	30
4-Chloro-3-methylphenol	8000		µg/kg dry	349	14100	BRL	57	30-130	4	30
2-Chlorophenol	7600		µg/kg dry	349	14100	BRL	54	30-130	2	30
1,4-Dichlorobenzene	4070		µg/kg dry	349	7050	BRL	58	40-140	2	30
2,4-Dinitrotoluene	5060		µg/kg dry	349	7050	BRL	72	40-140	1	30
4-Nitrophenol	6120		µg/kg dry	1400	14100	BRL	43	30-130	2	30
N-Nitrosodi-n-propylamine	3570		µg/kg dry	349	7050	BRL	51	40-140	4	30
Pentachlorophenol	8240		µg/kg dry	349	14100	BRL	58	30-130	2	30
Phenol	6800		µg/kg dry	349	14100	BRL	48	30-130	4	30
Pyrene	4600		µg/kg dry	349	7050	BRL	65	40-140	2	30
1,2,4-Trichlorobenzene	3940		µg/kg dry	349	7050	BRL	56	40-140	4	30
Surrogate: 2-Fluorobiphenyl	*4920*		µg/kg dry		*7050*		*70*	*30-130*		
Surrogate: 2-Fluorophenol	*4050*		µg/kg dry		*7050*		*57*	*15-110*		
Surrogate: Nitrobenzene-d5	*3940*		µg/kg dry		*7050*		*56*	*30-130*		
Surrogate: Phenol-d5	*3080*		µg/kg dry		*7050*		*44*	*15-110*		
Surrogate: Terphenyl-dl4	*5570*		µg/kg dry		*7050*		*79*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5380*		µg/kg dry		*7050*		*76*	*15-110*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052354 - SW846 3050B										
Blank (7052354-BLK1)										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Selenium	BRL		mg/kg wet	1.45						
Lead	BRL		mg/kg wet	1.45						
Silver	BRL		mg/kg wet	1.45						
Chromium	BRL		mg/kg wet	0.964						
Cadmium	BRL		mg/kg wet	0.482						
Arsenic	BRL		mg/kg wet	1.45						
Barium	BRL		mg/kg wet	0.964						
Duplicate (7052354-DUP1) **Source: SA62684-01**										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	151	QR6	mg/kg dry	1.54		114			28	20
Selenium	BRL		mg/kg dry	1.54		BRL				20
Silver	0.867	J	mg/kg dry	1.54		0.755			14	20
Chromium	10.7		mg/kg dry	1.03		8.81			19	20
Arsenic	4.37	QR1	mg/kg dry	1.54		3.17			32	20
Cadmium	0.292	J	mg/kg dry	0.513		0.280			4	20
Barium	34.9		mg/kg dry	1.03		37.5			7	20
Matrix Spike (7052354-MS1) **Source: SA62684-03**										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	925	QM4X	mg/kg dry	1.74	145	1200	-190	75-125		
Selenium	126		mg/kg dry	1.74	145	BRL	87	75-125		
Cadmium	143		mg/kg dry	0.581	145	4.28	96	75-125		
Chromium	184		mg/kg dry	1.16	145	37.8	101	75-125		
Silver	103	QM7	mg/kg dry	1.74	145	1.38	70	75-125		
Arsenic	117		mg/kg dry	1.74	145	8.77	75	75-125		
Barium	204		mg/kg dry	1.16	145	77.6	87	75-125		
Matrix Spike Dup (7052354-MSD1) **Source: SA62684-03**										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	1180	QM4X	mg/kg dry	1.77	148	1200	-14	75-125	24	35
Selenium	126		mg/kg dry	1.77	148	BRL	85	75-125	0	35
Silver	93.1	QM7	mg/kg dry	1.77	148	1.38	62	75-125	10	35
Chromium	185		mg/kg dry	1.18	148	37.8	99	75-125	0.5	35
Arsenic	129		mg/kg dry	1.77	148	8.77	81	75-125	10	35
Cadmium	147		mg/kg dry	0.591	148	4.28	96	75-125	3	35
Barium	233		mg/kg dry	1.18	148	77.6	105	75-125	13	35
Post Spike (7052354-PS1) **Source: SA62684-03**										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	807	QM4X	mg/kg dry	1.65	138	1200	-285	80-120		
Selenium	138		mg/kg dry	1.65	138	BRL	100	80-120		
Silver	124		mg/kg dry	1.65	138	1.38	89	80-120		
Cadmium	140		mg/kg dry	0.551	138	4.28	98	80-120		
Chromium	181		mg/kg dry	1.10	138	37.8	104	80-120		
Arsenic	136		mg/kg dry	1.65	138	8.77	92	80-120		
Barium	218		mg/kg dry	1.10	138	77.6	102	80-120		
Reference (7052354-SRM1)										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	60.2		mg/kg wet	1.50	62.0		97	78.4-120.8		
Selenium	74.2		mg/kg wet	1.50	71.3		104	77.5-122.5		
Chromium	60.0		mg/kg wet	1.00	62.0		97	80.5-119.2		
Arsenic	72.6		mg/kg wet	1.50	78.0		93	76.8-123.2		

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 7052354 - SW846 3050B										
Reference (7052354-SRM1)										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Cadmium	48.1		mg/kg wet	0.500	49.2		98	80.1-119.6		
Silver	50.2		mg/kg wet	1.50	50.0		100	66.3-133.3		
Barium	133		mg/kg wet	1.00	141		94	82-118		
Reference (7052354-SRM2)										
Prepared: 02-Jun-07 Analyzed: 04-Jun-07										
Lead	60.6		mg/kg wet	1.50	65.4		93	78.4-120.8		
Selenium	76.4		mg/kg wet	1.50	75.2		102	77.5-122.5		
Arsenic	75.2		mg/kg wet	1.50	82.3		91	76.8-123.2		
Chromium	61.4		mg/kg wet	1.00	65.4		94	80.5-119.2		
Silver	51.2		mg/kg wet	1.50	52.8		97	66.3-133.3		
Cadmium	50.4		mg/kg wet	0.500	52.0		97	80.1-119.6		
Barium	134		mg/kg wet	1.00	148		91	82-118		
Batch 7052355 - EPA200/SW7000 Series										
Blank (7052355-BLK1)										
Prepared: 02-Jun-07 Analyzed: 07-Jun-07										
Mercury	BRL		mg/kg wet	0.0286						
Duplicate (7052355-DUP1) **Source: SA62684-01**										
Prepared: 02-Jun-07 Analyzed: 07-Jun-07										
Mercury	0.836		mg/kg dry	0.0303		0.832			0.5	20
Matrix Spike (7052355-MS1) **Source: SA62684-02**										
Prepared: 02-Jun-07 Analyzed: 07-Jun-07										
Mercury	0.869		mg/kg dry	0.0311	0.432	0.460	95	75-125		
Matrix Spike Dup (7052355-MSD1) **Source: SA62684-02**										
Prepared: 02-Jun-07 Analyzed: 07-Jun-07										
Mercury	0.877		mg/kg dry	0.0281	0.390	0.460	107	75-125	0.9	35
Reference (7052355-SRM1)										
Prepared: 02-Jun-07 Analyzed: 07-Jun-07										
Mercury	1.40		mg/kg wet	0.0300	1.45		97	66-132.6		
Batch 7060045 - SW846 3005A										
Blank (7060045-BLK1)										
Prepared & Analyzed: 01-Jun-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
Cadmium	BRL		mg/l	0.0025						
LCS (7060045-BS1)										
Prepared & Analyzed: 01-Jun-07										
Selenium	0.426		mg/l	0.0150	0.500		85	85-115		
Lead	0.474		mg/l	0.0075	0.500		95	85-115		
Chromium	0.481		mg/l	0.0050	0.500		96	85-115		
Cadmium	0.503		mg/l	0.0025	0.500		101	85-115		
Arsenic	0.461		mg/l	0.0040	0.500		92	85-115		
Barium	0.499		mg/l	0.0050	0.500		100	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060045 - SW846 3005A										
LCS (7060045-BS1)										
Prepared & Analyzed: 01-Jun-07										
Silver	0.479		mg/l	0.0050	0.500		96	85-115		
LCS Dup (7060045-BSD1)										
Prepared & Analyzed: 01-Jun-07										
Lead	0.466		mg/l	0.0075	0.500		93	85-115	2	20
Selenium	0.428		mg/l	0.0150	0.500		86	85-115	0.5	20
Silver	0.468		mg/l	0.0050	0.500		94	85-115	2	20
Arsenic	0.454		mg/l	0.0040	0.500		91	85-115	2	20
Cadmium	0.497		mg/l	0.0025	0.500		99	85-115	1	20
Chromium	0.475		mg/l	0.0050	0.500		95	85-115	1	20
Barium	0.493		mg/l	0.0050	0.500		99	85-115	1	20
Duplicate (7060045-DUP1) **Source: SA62709-02**										
Prepared & Analyzed: 01-Jun-07										
Lead	BRL		mg/l	0.0075		BRL				20
Selenium	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.0604		mg/l	0.0050		0.0604			0	20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0	20
Chromium	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Matrix Spike (7060045-MS1) **Source: SA62709-04**										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
Selenium	0.439		mg/l	0.0150	0.500	BRL	88	75-125		
Lead	0.460		mg/l	0.0075	0.500	0.0026	91	75-125		
Barium	0.530		mg/l	0.0050	0.500	0.0338	99	75-125		
Cadmium	0.498		mg/l	0.0025	0.500	BRL	100	75-125		
Arsenic	0.469		mg/l	0.0040	0.500	BRL	94	75-125		
Silver	0.479		mg/l	0.0050	0.500	BRL	96	75-125		
Chromium	0.483		mg/l	0.0050	0.500	0.0060	95	75-125		
Matrix Spike Dup (7060045-MSD1) **Source: SA62709-04**										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
Selenium	0.455		mg/l	0.0150	0.500	BRL	91	75-125	4	20
Lead	0.466		mg/l	0.0075	0.500	0.0026	93	75-125	1	20
Cadmium	0.504		mg/l	0.0025	0.500	BRL	101	75-125	1	20
Arsenic	0.477		mg/l	0.0040	0.500	BRL	95	75-125	2	20
Silver	0.484		mg/l	0.0050	0.500	BRL	97	75-125	1	20
Barium	0.534		mg/l	0.0050	0.500	0.0338	100	75-125	0.8	20
Chromium	0.483		mg/l	0.0050	0.500	0.0060	95	75-125	0	20
Post Spike (7060045-PS1) **Source: SA62709-04**										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
Lead	0.481		mg/l	0.0075	0.500	0.0026	96	80-120		
Selenium	0.466		mg/l	0.0150	0.500	BRL	93	80-120		
Barium	0.552		mg/l	0.0050	0.500	0.0338	104	80-120		
Silver	0.520		mg/l	0.0050	0.500	BRL	104	80-120		
Cadmium	0.520		mg/l	0.0025	0.500	BRL	104	80-120		
Arsenic	0.494		mg/l	0.0040	0.500	BRL	99	80-120		
Chromium	0.499		mg/l	0.0050	0.500	0.0060	99	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 7060046 - EPA200/SW7000 Series										
Blank (7060046-BLK1)										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	BRL		mg/l	0.00050						
LCS (7060046-BS1)										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	0.00252		mg/l	0.00050	0.00250		101	85-115		
Duplicate (7060046-DUP1) **Source: SA62709-06**										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	0.00010	J	mg/l	0.00050		0.00009			11	20
Matrix Spike (7060046-MS1) **Source: SA62709-09**										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	0.00251		mg/l	0.00050	0.00250	BRL	100	75-125		
Matrix Spike Dup (7060046-MSD1) **Source: SA62709-09**										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	0.00235		mg/l	0.00050	0.00250	BRL	94	75-125	7	20
Post Spike (7060046-PS1) **Source: SA62709-09**										
Prepared: 01-Jun-07 Analyzed: 06-Jun-07										
Mercury	0.00242		mg/l	0.00050	0.00250	BRL	97	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052311 - SW846 3010A										
Blank (7052311-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Cadmium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0300						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0250						
LCS (7052311-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.87	QB2	mg/l	0.0300	2.50		115	75.1-104		
Lead	2.49		mg/l	0.0150	2.50		100	75.8-108		
Silver	2.46		mg/l	0.0100	2.50		98	47.9-114		
Cadmium	2.78	QC3	mg/l	0.0050	2.50		111	81.3-109		
Chromium	2.43		mg/l	0.0100	2.50		97	81.1-107		
Arsenic	2.76	QC2	mg/l	0.0300	2.50		110	75.7-104		
Barium	2.67		mg/l	0.0250	2.50		107	85.1-119		
LCS Dup (7052311-BSD1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.86	QB2	mg/l	0.0300	2.50		114	75.1-104	0.3	20
Lead	2.47		mg/l	0.0150	2.50		99	75.8-108	0.8	20
Silver	2.39		mg/l	0.0100	2.50		96	47.9-114	3	20
Chromium	2.35		mg/l	0.0100	2.50		94	81.1-107	3	20
Cadmium	2.77	QC3	mg/l	0.0050	2.50		111	81.3-109	0.4	20
Arsenic	2.76	QC2	mg/l	0.0300	2.50		110	75.7-104	0	20
Barium	2.60		mg/l	0.0250	2.50		104	85.1-119	3	20
Duplicate (7052311-DUP1) **Source: SA62705-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	0.0252		mg/l	0.0150		0.0240			5	20
Selenium	0.0111	J	mg/l	0.0300		0.0113			2	20
Cadmium	0.0003	J,QR4	mg/l	0.0050		0.0004			29	20
Silver	BRL		mg/l	0.0100		BRL				20
Chromium	BRL		mg/l	0.0100		BRL				20
Arsenic	0.0096	J	mg/l	0.0300		0.0100			4	20
Barium	0.0127	J	mg/l	0.0250		0.0112			13	20
Matrix Spike (7052311-MS1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Lead	2.41		mg/l	0.0150	2.50	0.0062	96	72.5-110		
Selenium	2.72	QM7	mg/l	0.0300	2.50	0.0104	108	78.1-102		
Chromium	2.42		mg/l	0.0100	2.50	BRL	97	81.5-106		
Cadmium	2.68		mg/l	0.0050	2.50	0.0018	107	81.2-109		
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.7-106		
Arsenic	2.66	QM7	mg/l	0.0300	2.50	0.0083	106	85.4-98.8		
Barium	2.66		mg/l	0.0250	2.50	0.0166	106	88.9-114		
Matrix Spike Dup (7052311-MSD1) **Source: SA62822-01**										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.76	QM7	mg/l	0.0300	2.50	0.0104	110	78.1-102	1	35
Lead	2.42		mg/l	0.0150	2.50	0.0062	97	72.5-110	0.4	35
Silver	2.40		mg/l	0.0100	2.50	BRL	96	62.7-106	0	35
Arsenic	2.69	QM7	mg/l	0.0300	2.50	0.0083	107	85.4-98.8	1	35

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 7052311 - SW846 3010A										
Matrix Spike Dup (7052311-MSD1) Source: SA62822-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Chromium	2.41		mg/l	0.0100	2.50	BRL	96	81.5-106	0.4	35
Cadmium	2.70		mg/l	0.0050	2.50	0.0018	108	81.2-109	0.7	35
Barium	2.62		mg/l	0.0250	2.50	0.0166	104	88.9-114	2	35
Post Spike (7052311-PS1) Source: SA62822-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Selenium	2.84	QC1	mg/l	0.0300	2.50	0.0104	113	73.6-105		
Lead	2.48		mg/l	0.0150	2.50	0.0062	99	70.4-112		
Arsenic	2.77	QC1	mg/l	0.0300	2.50	0.0083	110	77.1-104		
Chromium	2.45		mg/l	0.0100	2.50	BRL	98	78.8-109		
Cadmium	2.77		mg/l	0.0050	2.50	0.0018	111	78.2-111		
Barium	2.67		mg/l	0.0250	2.50	0.0166	106	86.8-118		
Batch 7052312 - EPA200/SW7000 Series										
Blank (7052312-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7052312-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00261		mg/l	0.00020	0.00250		104	66.6-117		
Duplicate (7052312-DUP1) Source: SA62705-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7052312-MS1) Source: SA62822-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00257		mg/l	0.00020	0.00250	BRL	103	76.1-111		
Matrix Spike Dup (7052312-MSD1) Source: SA62822-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00278		mg/l	0.00020	0.00250	BRL	111	76.1-111	8	35
Post Spike (7052312-PS1) Source: SA62822-01										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Mercury	0.00259		mg/l	0.00020	0.00250	BRL	104	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060029 - General Preparation										
Duplicate (7060029-DUP1) Source: SA62684-09										
Prepared & Analyzed: 01-Jun-07										
% Solids	83.5		%			83.0			0.6	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R01	The Reporting Limit for this analyte has been raised to account for matrix interference.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
vex2	Field extracted
VOC6	The production of Acetone and other ketones is commonly seen when using the SW 846 5035A extraction technique.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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

Client: Logical Environmental Solutions

Project Location: NHRY - Component Change Out Facility, CT

Project Number: 301-88

Sampling Date(s):
24-May-07

Laboratory Sample ID(s):
SA62705-01 through SA62705-10

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
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 (4° C ± 2°)?	☑ Yes ☐ No
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 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: 6/7/2007

SA 62705

SPECTRUM ANALYTICAL, INC.
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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: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Stock - Maguire

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: RQN:

Project No.: 301-88
Site Name: NHRY Component Change Out
Location: New Haven State: CT
Sampler(s): C. Knight / C. Ciscuelo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs-8260	CT ETPH Base Neutrals Acid Extractables 8270	Pesticides 8081A	PCBs 8082	Total RCRA 8 Metals	SPLP RCRA 8 Metals	QA Reporting Notes: (check if needed)
62705-01	CCO-10 2-4'	5/24/07		C	SO		3	1		1	X	X	X	X	X	X	X	
-02	CCO-12 2-4'																
-03	CCO-14 4-8'																
-04	CCO-15 2-4'																
-05	CCO-16 2-4'																
-06	CCO-17 2-4'																
-07	CCO-18 2-4'																
-08	CCO-19 2-4'																
-09	CCO-20 4-8'																
-10	CCO-19 GW			G	GW		4			1							

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

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

State specific reporting standards: CTDEP GB PMC, RDEC

- [ ] Fax results when available to ( )
- [x] E-mail to ckelogic@environmental1.com
EDD Format PDF

Condition upon receipt: [x] Iced [ ] Ambient [ ] °C 4.3

Relinquished by:	Received by:	Date:	Time:
		5-25-07	1133
		5-25-07	1357

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060085 - SW846 5035A Soil (low level)										
Blank (7060085-BLK1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
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						
Styrene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060085 - SW846 5035A Soil (low level)										
Blank (7060085-BLK1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*44.6*		µg/kg wet		*50.0*		*89*	*70-130*		
Surrogate: Toluene-d8	*46.4*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.4*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*43.7*		µg/kg wet		*50.0*		*87*	*70-130*		
LCS (7060085-BS1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130		
Acetone	18.1		µg/kg wet		20.0		90	1.77-175		
Acrylonitrile	33.0	QC2	µg/kg wet		20.0		165	70-130		
Benzene	18.0		µg/kg wet		20.0		90	70-130		
Bromobenzene	17.7		µg/kg wet		20.0		88	70-130		
Bromochloromethane	18.4		µg/kg wet		20.0		92	70-130		
Bromodichloromethane	17.2		µg/kg wet		20.0		86	70-130		
Bromoform	19.9		µg/kg wet		20.0		100	70-130		
Bromomethane	14.0		µg/kg wet		20.0		70	55.3-136		
2-Butanone (MEK)	15.8		µg/kg wet		20.0		79	38.8-142		
n-Butylbenzene	20.9		µg/kg wet		20.0		104	70-130		
sec-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130		
tert-Butylbenzene	18.1		µg/kg wet		20.0		90	70-130		
Carbon disulfide	18.4		µg/kg wet		20.0		92	70-130		
Carbon tetrachloride	15.9		µg/kg wet		20.0		80	70-130		
Chlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
Chloroethane	16.4		µg/kg wet		20.0		82	55.3-130		
Chloroform	15.6		µg/kg wet		20.0		78	70-130		
Chloromethane	20.8		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	15.9		µg/kg wet		20.0		80	70-130		
4-Chlorotoluene	16.4		µg/kg wet		20.0		82	70-130		
1,2-Dibromo-3-chloropropane	34.3	QC2	µg/kg wet		20.0		172	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060085 - SW846 5035A Soil (low level)										
LCS (7060085-BS1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
Dibromochloromethane	19.3		µg/kg wet		20.0		96	64.7-139		
1,2-Dibromoethane (EDB)	21.4		µg/kg wet		20.0		107	70-130		
Dibromomethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichlorobenzene	19.3		µg/kg wet		20.0		96	70-130		
1,3-Dichlorobenzene	16.8		µg/kg wet		20.0		84	70-130		
1,4-Dichlorobenzene	18.7		µg/kg wet		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	26.8		µg/kg wet		20.0		134	34.4-167		
1,1-Dichloroethane	14.8		µg/kg wet		20.0		74	70-130		
1,2-Dichloroethane	15.9		µg/kg wet		20.0		80	70-130		
1,1-Dichloroethene	16.8		µg/kg wet		20.0		84	70-130		
cis-1,2-Dichloroethene	17.3		µg/kg wet		20.0		86	70-130		
trans-1,2-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130		
1,2-Dichloropropane	15.2		µg/kg wet		20.0		76	70-130		
1,3-Dichloropropane	18.8		µg/kg wet		20.0		94	70-130		
2,2-Dichloropropane	15.0		µg/kg wet		20.0		75	70-130		
1,1-Dichloropropene	14.8		µg/kg wet		20.0		74	70-130		
cis-1,3-Dichloropropene	16.7		µg/kg wet		20.0		84	70-130		
trans-1,3-Dichloropropene	15.9		µg/kg wet		20.0		80	70-130		
Ethylbenzene	17.6		µg/kg wet		20.0		88	70-130		
Hexachlorobutadiene	19.3		µg/kg wet		20.0		96	60.7-140		
2-Hexanone (MBK)	21.0		µg/kg wet		20.0		105	70-130		
Isopropylbenzene	16.5		µg/kg wet		20.0		82	70-130		
4-Isopropyltoluene	20.2		µg/kg wet		20.0		101	70-130		
Methyl tert-butyl ether	18.3		µg/kg wet		20.0		92	70-130		
4-Methyl-2-pentanone (MIBK)	25.1		µg/kg wet		20.0		126	46.1-145		
Methylene chloride	19.3		µg/kg wet		20.0		96	70-130		
Naphthalene	30.1	QC2	µg/kg wet		20.0		150	70-130		
n-Propylbenzene	15.7		µg/kg wet		20.0		78	70-130		
Styrene	15.8		µg/kg wet		20.0		79	70-130		
1,1,1,2-Tetrachloroethane	17.8		µg/kg wet		20.0		89	70-130		
1,1,2,2-Tetrachloroethane	24.6		µg/kg wet		20.0		123	70-130		
Tetrachloroethene	18.3		µg/kg wet		20.0		92	70-130		
Toluene	15.7		µg/kg wet		20.0		78	70-130		
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	15.2		µg/kg wet		20.0		76	70-130		
1,1,2-Trichloroethane	20.7		µg/kg wet		20.0		104	70-130		
Trichloroethene	18.3		µg/kg wet		20.0		92	70-130		
Trichlorofluoromethane (Freon 11)	21.9		µg/kg wet		20.0		110	56.8-140		
1,2,3-Trichloropropane	25.3		µg/kg wet		20.0		126	70-130		
1,2,4-Trimethylbenzene	16.7		µg/kg wet		20.0		84	70-130		
1,3,5-Trimethylbenzene	16.6		µg/kg wet		20.0		83	70-130		
Vinyl chloride	25.8		µg/kg wet		20.0		129	70-130		
m,p-Xylene	34.8		µg/kg wet		40.0		87	70-130		
o-Xylene	18.0		µg/kg wet		20.0		90	70-130		
Tetrahydrofuran	31.9	QC1	µg/kg wet		20.0		160	70-130		
Ethyl ether	19.5		µg/kg wet		20.0		98	65.3-130		
Tert-amyl methyl ether	15.4		µg/kg wet		20.0		77	70-130		
Ethyl tert-butyl ether	16.0		µg/kg wet		20.0		80	70-130		
Di-isopropyl ether	15.8		µg/kg wet		20.0		79	70-130		
Tert-Butanol / butyl alcohol	386	QC2	µg/kg wet		200		193	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060085 - SW846 5035A Soil (low level)										
LCS (7060085-BS1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
1,4-Dioxane	434	QC2	µg/kg wet		200		217	34-155		
Surrogate: 4-Bromofluorobenzene	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*41.2*		µg/kg wet		*50.0*		*82*	*70-130*		
LCS Dup (7060085-BSD1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.0		µg/kg wet		20.0		115	70-130	6	25
Acetone	15.7		µg/kg wet		20.0		78	1.77-175	14	50
Acrylonitrile	34.7	QC2	µg/kg wet		20.0		174	70-130	5	25
Benzene	14.8		µg/kg wet		20.0		74	70-130	20	25
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130	14	25
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130	12	25
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130	13	25
Bromoform	22.0		µg/kg wet		20.0		110	70-130	10	25
Bromomethane	15.3		µg/kg wet		20.0		76	55.3-136	8	50
2-Butanone (MEK)	16.4		µg/kg wet		20.0		82	38.8-142	4	50
n-Butylbenzene	23.7		µg/kg wet		20.0		118	70-130	13	25
sec-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130	13	25
tert-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	11	25
Carbon disulfide	20.3		µg/kg wet		20.0		102	70-130	10	25
Carbon tetrachloride	16.9		µg/kg wet		20.0		84	70-130	5	25
Chlorobenzene	20.7		µg/kg wet		20.0		104	70-130	13	25
Chloroethane	18.2		µg/kg wet		20.0		91	55.3-130	10	50
Chloroform	17.6		µg/kg wet		20.0		88	70-130	12	25
Chloromethane	22.9		µg/kg wet		20.0		114	70-130	9	25
2-Chlorotoluene	18.0		µg/kg wet		20.0		90	70-130	12	25
4-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130	16	25
1,2-Dibromo-3-chloropropane	35.0	QC2	µg/kg wet		20.0		175	70-130	2	25
Dibromochloromethane	21.9		µg/kg wet		20.0		110	64.7-139	14	50
1,2-Dibromoethane (EDB)	24.1		µg/kg wet		20.0		120	70-130	11	25
Dibromomethane	22.2		µg/kg wet		20.0		111	70-130	6	25
1,2-Dichlorobenzene	23.0		µg/kg wet		20.0		115	70-130	18	25
1,3-Dichlorobenzene	19.8		µg/kg wet		20.0		99	70-130	16	25
1,4-Dichlorobenzene	22.3		µg/kg wet		20.0		112	70-130	17	25
Dichlorodifluoromethane (Freon12)	28.2		µg/kg wet		20.0		141	34.4-167	5	50
1,1-Dichloroethane	16.5		µg/kg wet		20.0		82	70-130	10	25
1,2-Dichloroethane	18.4		µg/kg wet		20.0		92	70-130	14	25
1,1-Dichloroethene	17.7		µg/kg wet		20.0		88	70-130	5	25
cis-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130	9	25
trans-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130	13	25
1,2-Dichloropropane	16.6		µg/kg wet		20.0		83	70-130	9	25
1,3-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130	7	25
2,2-Dichloropropane	16.7		µg/kg wet		20.0		84	70-130	11	25
1,1-Dichloropropene	15.5		µg/kg wet		20.0		78	70-130	5	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	13	25
trans-1,3-Dichloropropene	18.0		µg/kg wet		20.0		90	70-130	12	25
Ethylbenzene	19.8		µg/kg wet		20.0		99	70-130	12	25
Hexachlorobutadiene	21.4		µg/kg wet		20.0		107	60.7-140	11	50
2-Hexanone (MBK)	21.2		µg/kg wet		20.0		106	70-130	0.9	25
Isopropylbenzene	18.8		µg/kg wet		20.0		94	70-130	14	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060085 - SW846 5035A Soil (low level)										
LCS Dup (7060085-BSD1)										
Prepared: 01-Jun-07 Analyzed: 02-Jun-07										
4-Isopropyltoluene	22.7		µg/kg wet		20.0		114	70-130	12	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	10	25
4-Methyl-2-pentanone (MIBK)	24.8		µg/kg wet		20.0		124	46.1-145	2	50
Methylene chloride	22.1		µg/kg wet		20.0		110	70-130	14	25
Naphthalene	33.7	QC2	µg/kg wet		20.0		168	70-130	11	25
n-Propylbenzene	17.2		µg/kg wet		20.0		86	70-130	10	25
Styrene	18.8		µg/kg wet		20.0		94	70-130	17	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	13	25
1,1,2,2-Tetrachloroethane	25.3		µg/kg wet		20.0		126	70-130	2	25
Tetrachloroethene	20.3		µg/kg wet		20.0		102	70-130	10	25
Toluene	17.3		µg/kg wet		20.0		86	70-130	10	25
1,2,3-Trichlorobenzene	26.0		µg/kg wet		20.0		130	70-130	18	25
1,2,4-Trichlorobenzene	24.9		µg/kg wet		20.0		124	70-130	20	25
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		86	70-130	12	25
1,1,2-Trichloroethane	23.5		µg/kg wet		20.0		118	70-130	13	25
Trichloroethene	15.5		µg/kg wet		20.0		78	70-130	16	25
Trichlorofluoromethane (Freon 11)	20.6		µg/kg wet		20.0		103	56.8-140	7	50
1,2,3-Trichloropropane	24.2		µg/kg wet		20.0		121	70-130	4	25
1,2,4-Trimethylbenzene	19.9		µg/kg wet		20.0		100	70-130	17	25
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		94	70-130	12	25
Vinyl chloride	28.0	QC1	µg/kg wet		20.0		140	70-130	8	25
m,p-Xylene	39.5		µg/kg wet		40.0		99	70-130	13	25
o-Xylene	20.5		µg/kg wet		20.0		102	70-130	12	25
Tetrahydrofuran	25.2		µg/kg wet		20.0		126	70-130	24	25
Ethyl ether	21.8		µg/kg wet		20.0		109	65.3-130	11	50
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130	20	25
Ethyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	14	25
Di-isopropyl ether	18.3		µg/kg wet		20.0		92	70-130	15	25
Tert-Butanol / butyl alcohol	364	QC2	µg/kg wet		200		182	70-130	6	25
1,4-Dioxane	408	QC2	µg/kg wet		200		204	34-155	6	25
Surrogate: 4-Bromofluorobenzene	*47.4*		µg/kg wet		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*45.8*		µg/kg wet		*50.0*		*92*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*39.6*		µg/kg wet		*50.0*		*79*	*70-130*		
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
Blank (7060201-BLK1)										
Prepared & Analyzed: 04-Jun-07										
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/l		*30.0*		*89*	*70-130*		
Surrogate: Dibromofluoromethane	*30.5*		µg/l		*30.0*		*102*	*70-130*		
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.3		µg/l		20.0		112	70-130		
Acetone	17.3		µg/l		20.0		86	41.1-147		
Acrylonitrile	14.0		µg/l		20.0		70	70-130		
Benzene	19.5		µg/l		20.0		98	70-130		
Bromobenzene	21.2		µg/l		20.0		106	70-130		
Bromochloromethane	22.1		µg/l		20.0		110	70-130		
Bromodichloromethane	19.8		µg/l		20.0		99	70-130		
Bromoform	19.6		µg/l		20.0		98	70-130		
Bromomethane	19.5		µg/l		20.0		98	62-136		
2-Butanone (MEK)	18.8		µg/l		20.0		94	53.9-133		
n-Butylbenzene	16.8		µg/l		20.0		84	70-130		
sec-Butylbenzene	22.9		µg/l		20.0		114	70-130		
tert-Butylbenzene	22.1		µg/l		20.0		110	70-130		
Carbon disulfide	22.1		µg/l		20.0		110	70-130		
Carbon tetrachloride	22.1		µg/l		20.0		110	70-130		
Chlorobenzene	20.0		µg/l		20.0		100	70-130		
Chloroethane	18.7		µg/l		20.0		94	62.8-132		
Chloroform	20.2		µg/l		20.0		101	70-130		
Chloromethane	19.7		µg/l		20.0		98	70-130		
2-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
4-Chlorotoluene	20.3		µg/l		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	15.3		µg/l		20.0		76	70-130		
Dibromochloromethane	21.1		µg/l		20.0		106	70-143		
1,2-Dibromoethane (EDB)	19.5		µg/l		20.0		98	70-130		
Dibromomethane	20.2		µg/l		20.0		101	70-130		
1,2-Dichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,3-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		
1,4-Dichlorobenzene	18.3		µg/l		20.0		92	70-130		
Dichlorodifluoromethane (Freon12)	28.0		µg/l		20.0		140	39.3-167		
1,1-Dichloroethane	18.7		µg/l		20.0		94	70-130		
1,2-Dichloroethane	17.7		µg/l		20.0		88	70-130		
1,1-Dichloroethene	19.9		µg/l		20.0		100	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	20.9		µg/l		20.0		104	70-130		
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130		
1,3-Dichloropropane	18.4		µg/l		20.0		92	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS (7060201-BS1)										
Prepared & Analyzed: 04-Jun-07										
2,2-Dichloropropane	21.6		µg/l		20.0		108	70-130		
1,1-Dichloropropene	18.8		µg/l		20.0		94	70-130		
cis-1,3-Dichloropropene	18.9		µg/l		20.0		94	70-130		
trans-1,3-Dichloropropene	18.5		µg/l		20.0		92	70-130		
Ethylbenzene	19.8		µg/l		20.0		99	70-130		
Hexachlorobutadiene	19.9		µg/l		20.0		100	70-136		
2-Hexanone (MBK)	14.6		µg/l		20.0		73	56.3-131		
Isopropylbenzene	19.5		µg/l		20.0		98	70-130		
4-Isopropyltoluene	20.2		µg/l		20.0		101	70-130		
Methyl tert-butyl ether	18.0		µg/l		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	13.8	QC2	µg/l		20.0		69	70-130		
Methylene chloride	18.9		µg/l		20.0		94	70-130		
Naphthalene	16.1		µg/l		20.0		80	70-130		
n-Propylbenzene	19.8		µg/l		20.0		99	70-130		
Styrene	20.9		µg/l		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	21.3		µg/l		20.0		106	70-130		
1,1,2,2-Tetrachloroethane	17.6		µg/l		20.0		88	70-130		
Tetrachloroethene	22.1		µg/l		20.0		110	70-130		
Toluene	19.2		µg/l		20.0		96	70-130		
1,2,3-Trichlorobenzene	16.7		µg/l		20.0		84	70-130		
1,2,4-Trichlorobenzene	16.5		µg/l		20.0		82	70-130		
1,1,1-Trichloroethane	21.4		µg/l		20.0		107	70-130		
1,1,2-Trichloroethane	18.8		µg/l		20.0		94	70-130		
Trichloroethene	20.0		µg/l		20.0		100	70-130		
Trichlorofluoromethane (Freon 11)	22.7		µg/l		20.0		114	70-130		
1,2,3-Trichloropropane	19.3		µg/l		20.0		96	70-130		
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
Vinyl chloride	22.7		µg/l		20.0		114	70-130		
m,p-Xylene	39.0		µg/l		40.0		98	70-130		
o-Xylene	20.4		µg/l		20.0		102	70-130		
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130		
Ethyl ether	17.0		µg/l		20.0		85	70-130		
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130		
Ethyl tert-butyl ether	17.5		µg/l		20.0		88	70-130		
Di-isopropyl ether	15.9		µg/l		20.0		80	70-130		
Tert-Butanol / butyl alcohol	146		µg/l		200		73	70-130		
1,4-Dioxane	169		µg/l		200		84	70-130		
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/l		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.8		µg/l		20.0		109	70-130	3	25
Acetone	12.1		µg/l		20.0		60	41.1-147	36	50
Acrylonitrile	14.4		µg/l		20.0		72	70-130	3	25
Benzene	19.1		µg/l		20.0		96	70-130	2	25
Bromobenzene	20.4		µg/l		20.0		102	70-130	4	25
Bromochloromethane	21.7		µg/l		20.0		108	70-130	2	25
Bromodichloromethane	20.1		µg/l		20.0		100	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
Bromoform	18.3		µg/l		20.0		92	70-130	6	25
Bromomethane	21.7		µg/l		20.0		108	62-136	10	50
2-Butanone (MEK)	18.2		µg/l		20.0		91	53.9-133	3	50
n-Butylbenzene	16.1		µg/l		20.0		80	70-130	5	25
sec-Butylbenzene	22.6		µg/l		20.0		113	70-130	0.9	25
tert-Butylbenzene	21.0		µg/l		20.0		105	70-130	5	25
Carbon disulfide	21.5		µg/l		20.0		108	70-130	2	25
Carbon tetrachloride	21.9		µg/l		20.0		110	70-130	0	25
Chlorobenzene	19.2		µg/l		20.0		96	70-130	4	25
Chloroethane	19.4		µg/l		20.0		97	62.8-132	3	50
Chloroform	19.7		µg/l		20.0		98	70-130	3	25
Chloromethane	19.4		µg/l		20.0		97	70-130	1	25
2-Chlorotoluene	19.4		µg/l		20.0		97	70-130	5	25
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130	4	25
1,2-Dibromo-3-chloropropane	14.3		µg/l		20.0		72	70-130	5	25
Dibromochloromethane	20.7		µg/l		20.0		104	70-143	2	50
1,2-Dibromoethane (EDB)	18.3		µg/l		20.0		92	70-130	6	25
Dibromomethane	19.9		µg/l		20.0		100	70-130	1	25
1,2-Dichlorobenzene	18.7		µg/l		20.0		94	70-130	3	25
1,3-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	4	25
1,4-Dichlorobenzene	17.6		µg/l		20.0		88	70-130	4	25
Dichlorodifluoromethane (Freon12)	28.6		µg/l		20.0		143	39.3-167	2	50
1,1-Dichloroethane	18.0		µg/l		20.0		90	70-130	4	25
1,2-Dichloroethane	17.0		µg/l		20.0		85	70-130	3	25
1,1-Dichloroethene	18.9		µg/l		20.0		94	70-130	6	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		100	70-130	4	25
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99	70-130	5	25
1,2-Dichloropropane	17.2		µg/l		20.0		86	70-130	0	25
1,3-Dichloropropane	18.1		µg/l		20.0		90	70-130	2	25
2,2-Dichloropropane	21.0		µg/l		20.0		105	70-130	3	25
1,1-Dichloropropene	18.7		µg/l		20.0		94	70-130	0	25
cis-1,3-Dichloropropene	18.8		µg/l		20.0		94	70-130	0	25
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	70-130	2	25
Ethylbenzene	19.1		µg/l		20.0		96	70-130	3	25
Hexachlorobutadiene	18.8		µg/l		20.0		94	70-136	6	50
2-Hexanone (MBK)	11.7		µg/l		20.0		58	56.3-131	23	25
Isopropylbenzene	19.0		µg/l		20.0		95	70-130	3	25
4-Isopropyltoluene	19.5		µg/l		20.0		98	70-130	3	25
Methyl tert-butyl ether	17.0		µg/l		20.0		85	70-130	6	25
4-Methyl-2-pentanone (MIBK)	13.7	QC2	µg/l		20.0		68	70-130	1	50
Methylene chloride	16.3		µg/l		20.0		82	70-130	14	25
Naphthalene	14.4		µg/l		20.0		72	70-130	11	25
n-Propylbenzene	18.9		µg/l		20.0		94	70-130	5	25
Styrene	19.9		µg/l		20.0		100	70-130	4	25
1,1,1,2-Tetrachloroethane	20.6		µg/l		20.0		103	70-130	3	25
1,1,2,2-Tetrachloroethane	16.3		µg/l		20.0		82	70-130	7	25
Tetrachloroethene	21.8		µg/l		20.0		109	70-130	0.9	25
Toluene	18.7		µg/l		20.0		94	70-130	2	25
1,2,3-Trichlorobenzene	16.0		µg/l		20.0		80	70-130	5	25
1,2,4-Trichlorobenzene	15.3		µg/l		20.0		76	70-130	8	25
1,1,1-Trichloroethane	21.6		µg/l		20.0		108	70-130	0.9	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060201 - SW846 5030 Water MS										
LCS Dup (7060201-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichloroethane	18.0		µg/l		20.0		90	70-130	4	25
Trichloroethene	19.8		µg/l		20.0		99	70-130	1	25
Trichlorofluoromethane (Freon 11)	22.3		µg/l		20.0		112	70-130	2	50
1,2,3-Trichloropropane	18.2		µg/l		20.0		91	70-130	5	25
1,2,4-Trimethylbenzene	19.8		µg/l		20.0		99	70-130	3	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	1	25
Vinyl chloride	20.9		µg/l		20.0		104	70-130	9	25
m,p-Xylene	37.8		µg/l		40.0		94	70-130	4	25
o-Xylene	19.5		µg/l		20.0		98	70-130	4	25
Tetrahydrofuran	14.5		µg/l		20.0		72	70-130	0	25
Ethyl ether	16.0		µg/l		20.0		80	70-130	6	50
Tert-amyl methyl ether	17.5		µg/l		20.0		88	70-130	0	25
Ethyl tert-butyl ether	17.2		µg/l		20.0		86	70-130	2	25
Di-isopropyl ether	15.8		µg/l		20.0		79	70-130	1	25
Tert-Butanol / butyl alcohol	131	QC1	µg/l		200		66	70-130	10	25
1,4-Dioxane	176		µg/l		200		88	70-130	5	25
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/l		*30.0*		*88*	*70-130*		
Surrogate: Dibromofluoromethane	*29.9*		µg/l		*30.0*		*100*	*70-130*		
Matrix Spike (7060201-MS1) **Source: SA62769-03**										
Prepared & Analyzed: 04-Jun-07										
Benzene	18.3		µg/l		20.0	BRL	92	70-130		
Chlorobenzene	21.8		µg/l		20.0	BRL	109	70-130		
1,1-Dichloroethene	16.6		µg/l		20.0	BRL	83	70-130		
Toluene	19.5		µg/l		20.0	BRL	98	70-130		
Trichloroethene	20.3		µg/l		20.0	BRL	102	70-130		
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/l		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Matrix Spike Dup (7060201-MSD1) **Source: SA62769-03**										
Prepared & Analyzed: 04-Jun-07										
Benzene	15.7		µg/l		20.0	BRL	78	70-130	16	30
Chlorobenzene	18.1		µg/l		20.0	BRL	90	70-130	19	30
1,1-Dichloroethene	14.2		µg/l		20.0	BRL	71	70-130	16	30
Toluene	16.1		µg/l		20.0	BRL	80	70-130	20	30
Trichloroethene	16.7		µg/l		20.0	BRL	84	70-130	19	30
Surrogate: 4-Bromofluorobenzene	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*32.3*		µg/l		*30.0*		*108*	*70-130*		
Batch 7060249 - SW846 5030 Soil (high level)										
Blank (7060249-BLK1)										
Prepared & Analyzed: 04-Jun-07										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060249 - SW846 5030 Soil (high level)										
Blank (7060249-BLK1)										
Prepared & Analyzed: 04-Jun-07										
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060249 - SW846 5030 Soil (high level)										
Blank (7060249-BLK1)										
Prepared & Analyzed: 04-Jun-07										
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS (7060249-BS1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.2		µg/kg wet		20.0		111	70-130		
Acetone	17.4		µg/kg wet		20.0		87	1.77-175		
Acrylonitrile	18.1		µg/kg wet		20.0		90	70-130		
Benzene	20.2		µg/kg wet		20.0		101	70-130		
Bromobenzene	23.8		µg/kg wet		20.0		119	70-130		
Bromochloromethane	21.4		µg/kg wet		20.0		107	70-130		
Bromodichloromethane	21.7		µg/kg wet		20.0		108	70-130		
Bromoform	24.7		µg/kg wet		20.0		124	70-130		
Bromomethane	19.5		µg/kg wet		20.0		98	55.3-136		
2-Butanone (MEK)	16.7		µg/kg wet		20.0		84	38.8-142		
n-Butylbenzene	17.8		µg/kg wet		20.0		89	70-130		
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	22.9		µg/kg wet		20.0		114	70-130		
Carbon disulfide	18.2		µg/kg wet		20.0		91	70-130		
Carbon tetrachloride	22.8		µg/kg wet		20.0		114	70-130		
Chlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	55.3-130		
Chloroform	20.8		µg/kg wet		20.0		104	70-130		
Chloromethane	18.2		µg/kg wet		20.0		91	70-130		
2-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	18.6		µg/kg wet		20.0		93	70-130		
Dibromochloromethane	22.3		µg/kg wet		20.0		112	64.7-139		
1,2-Dibromoethane (EDB)	21.6		µg/kg wet		20.0		108	70-130		
Dibromomethane	21.9		µg/kg wet		20.0		110	70-130		
1,2-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	23.3		µg/kg wet		20.0		116	70-130		
1,4-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060249 - SW846 5030 Soil (high level)										
LCS (7060249-BS1)										
Prepared & Analyzed: 04-Jun-07										
Dichlorodifluoromethane (Freon12)	25.8		µg/kg wet		20.0		129	34.4-167		
1,1-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	19.9		µg/kg wet		20.0		100	70-130		
1,2-Dichloropropane	19.9		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130		
1,1-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	19.9		µg/kg wet		20.0		100	70-130		
trans-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
Ethylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Hexachlorobutadiene	18.6		µg/kg wet		20.0		93	60.7-140		
2-Hexanone (MBK)	16.3		µg/kg wet		20.0		82	70-130		
Isopropylbenzene	21.4		µg/kg wet		20.0		107	70-130		
4-Isopropyltoluene	20.1		µg/kg wet		20.0		100	70-130		
Methyl tert-butyl ether	20.3		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	17.4		µg/kg wet		20.0		87	46.1-145		
Methylene chloride	18.5		µg/kg wet		20.0		92	70-130		
Naphthalene	17.9		µg/kg wet		20.0		90	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	22.8		µg/kg wet		20.0		114	70-130		
1,1,1,2-Tetrachloroethane	23.8		µg/kg wet		20.0		119	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	21.8		µg/kg wet		20.0		109	70-130		
Toluene	20.1		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	18.0		µg/kg wet		20.0		90	70-130		
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130		
1,1,1-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,1,2-Trichloroethane	21.1		µg/kg wet		20.0		106	70-130		
Trichloroethene	20.4		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.7		µg/kg wet		20.0		108	56.8-140		
1,2,3-Trichloropropane	23.4		µg/kg wet		20.0		117	70-130		
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3,5-Trimethylbenzene	22.4		µg/kg wet		20.0		112	70-130		
Vinyl chloride	19.4		µg/kg wet		20.0		97	70-130		
m,p-Xylene	44.9		µg/kg wet		40.0		112	70-130		
o-Xylene	23.1		µg/kg wet		20.0		116	70-130		
Tetrahydrofuran	16.5		µg/kg wet		20.0		82	70-130		
Ethyl ether	19.7		µg/kg wet		20.0		98	65.3-130		
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95	70-130		
Ethyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
Di-isopropyl ether	18.0		µg/kg wet		20.0		90	70-130		
Tert-Butanol / butyl alcohol	182		µg/kg wet		200		91	70-130		
1,4-Dioxane	194		µg/kg wet		200		97	34-155		
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/kg wet		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS Dup (7060249-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060249 - SW846 5030 Soil (high level)										
Prepared & Analyzed: 04-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.6		µg/kg wet		20.0		113	70-130	2	25
Acetone	17.5		µg/kg wet		20.0		88	1.77-175	1	50
Acrylonitrile	16.7		µg/kg wet		20.0		84	70-130	7	25
Benzene	19.6		µg/kg wet		20.0		98	70-130	3	25
Bromobenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
Bromochloromethane	20.5		µg/kg wet		20.0		102	70-130	5	25
Bromodichloromethane	20.8		µg/kg wet		20.0		104	70-130	4	25
Bromoform	23.1		µg/kg wet		20.0		116	70-130	7	25
Bromomethane	18.0		µg/kg wet		20.0		90	55.3-136	9	50
2-Butanone (MEK)	14.6		µg/kg wet		20.0		73	38.8-142	14	50
n-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130	3	25
sec-Butylbenzene	20.5		µg/kg wet		20.0		102	70-130	6	25
tert-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	5	25
Carbon disulfide	18.8		µg/kg wet		20.0		94	70-130	3	25
Carbon tetrachloride	22.6		µg/kg wet		20.0		113	70-130	0.9	25
Chlorobenzene	22.0		µg/kg wet		20.0		110	70-130	4	25
Chloroethane	17.7		µg/kg wet		20.0		88	55.3-130	1	50
Chloroform	20.2		µg/kg wet		20.0		101	70-130	3	25
Chloromethane	18.2		µg/kg wet		20.0		91	70-130	0	25
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	4	25
4-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130	4	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		86	70-130	8	25
Dibromochloromethane	20.7		µg/kg wet		20.0		104	64.7-139	7	50
1,2-Dibromoethane (EDB)	20.0		µg/kg wet		20.0		100	70-130	8	25
Dibromomethane	20.3		µg/kg wet		20.0		102	70-130	8	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	4	25
1,3-Dichlorobenzene	22.2		µg/kg wet		20.0		111	70-130	4	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	4	25
Dichlorodifluoromethane (Freon12)	27.0		µg/kg wet		20.0		135	34.4-167	5	50
1,1-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130	1	25
1,2-Dichloroethane	19.4		µg/kg wet		20.0		97	70-130	7	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	3	25
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130	2	25
1,2-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	4	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		98	70-130	6	25
2,2-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130	6	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130	3	25
cis-1,3-Dichloropropene	18.9		µg/kg wet		20.0		94	70-130	6	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95	70-130	6	25
Ethylbenzene	21.3		µg/kg wet		20.0		106	70-130	4	25
Hexachlorobutadiene	17.6		µg/kg wet		20.0		88	60.7-140	6	50
2-Hexanone (MBK)	14.1		µg/kg wet		20.0		70	70-130	16	25
Isopropylbenzene	20.7		µg/kg wet		20.0		104	70-130	3	25
4-Isopropyltoluene	19.5		µg/kg wet		20.0		98	70-130	2	25
Methyl tert-butyl ether	18.7		µg/kg wet		20.0		94	70-130	8	25
4-Methyl-2-pentanone (MIBK)	15.7		µg/kg wet		20.0		78	46.1-145	11	50
Methylene chloride	18.0		µg/kg wet		20.0		90	70-130	2	25
Naphthalene	16.5		µg/kg wet		20.0		82	70-130	9	25
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Styrene	22.4		µg/kg wet		20.0		112	70-130	2	25
1,1,1,2-Tetrachloroethane	22.5		µg/kg wet		20.0		112	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060249 - SW846 5030 Soil (high level)										
LCS Dup (7060249-BSD1)										
Prepared & Analyzed: 04-Jun-07										
1,1,2,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130	8	25
Tetrachloroethene	20.7		µg/kg wet		20.0		104	70-130	5	25
Toluene	19.6		µg/kg wet		20.0		98	70-130	2	25
1,2,3-Trichlorobenzene	15.8		µg/kg wet		20.0		79	70-130	13	25
1,2,4-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	11	25
1,1,1-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130	2	25
1,1,2-Trichloroethane	19.3		µg/kg wet		20.0		96	70-130	10	25
Trichloroethene	19.9		µg/kg wet		20.0		100	70-130	2	25
Trichlorofluoromethane (Freon 11)	22.6		µg/kg wet		20.0		113	56.8-140	5	50
1,2,3-Trichloropropane	21.4		µg/kg wet		20.0		107	70-130	9	25
1,2,4-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130	7	25
1,3,5-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130	5	25
Vinyl chloride	19.5		µg/kg wet		20.0		98	70-130	1	25
m,p-Xylene	43.6		µg/kg wet		40.0		109	70-130	3	25
o-Xylene	22.4		µg/kg wet		20.0		112	70-130	4	25
Tetrahydrofuran	14.6		µg/kg wet		20.0		73	70-130	12	25
Ethyl ether	18.6		µg/kg wet		20.0		93	65.3-130	5	50
Tert-amyl methyl ether	18.0		µg/kg wet		20.0		90	70-130	5	25
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	4	25
Di-isopropyl ether	17.6		µg/kg wet		20.0		88	70-130	2	25
Tert-Butanol / butyl alcohol	141	QR2	µg/kg wet		200		70	70-130	26	25
1,4-Dioxane	157		µg/kg wet		200		78	34-155	22	25
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
Matrix Spike (7060249-MS1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Benzene	18.4		µg/kg dry		20.0	BRL	92	70-130		
Chlorobenzene	23.2		µg/kg dry		20.0	BRL	116	70-130		
1,1-Dichloroethene	16.6		µg/kg dry		20.0	BRL	83	70-130		
Toluene	20.2		µg/kg dry		20.0	BRL	101	70-130		
Trichloroethene	19.6		µg/kg dry		20.0	BRL	98	70-130		
Surrogate: 4-Bromofluorobenzene	*31.4*		µg/kg dry		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.8*		µg/kg dry		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*30.9*		µg/kg dry		*30.0*		*103*	*70-130*		
Matrix Spike Dup (7060249-MSD1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Benzene	18.7		µg/kg dry		20.0	BRL	94	70-130	2	30
Chlorobenzene	23.5		µg/kg dry		20.0	BRL	118	70-130	2	30
1,1-Dichloroethene	17.0		µg/kg dry		20.0	BRL	85	70-130	2	30
Toluene	20.0		µg/kg dry		20.0	BRL	100	70-130	1	30
Trichloroethene	19.6		µg/kg dry		20.0	BRL	98	70-130	0	30
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/kg dry		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/kg dry		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/kg dry		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*31.1*		µg/kg dry		*30.0*		*104*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060002 - SW846 3510C										
Blank (7060002-BLK1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0430*		mg/l		*0.0500*		*86*	*40-140*		
LCS (7060002-BS1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0448*		mg/l		*0.0500*		*90*	*60-120*		
Batch 7060014 - SW846 3550B										
Blank (7060014-BLK1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*1.99*		mg/kg wet		*3.33*		*60*	*40-140*		
LCS (7060014-BS1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
C9-C36 Aliphatic Hydrocarbons	78.5		mg/kg wet	13.3	93.3		84	60-120		
Surrogate: 1-Chlorooctadecane	*2.73*		mg/kg wet		*3.33*		*82*	*60-120*		
Duplicate (7060014-DUP1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Gasoline	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.5		BRL				50
Motor Oil	BRL		mg/kg dry	28.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.5		BRL				50
Unidentified	BRL		mg/kg dry	28.5		BRL				50
Other Oil	BRL		mg/kg dry	28.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.5		BRL				50
Surrogate: 1-Chlorooctadecane	*2.05*		mg/kg dry		*3.58*		*57*	*40-140*		
Matrix Spike (7060014-MS1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060014 - SW846 3550B										
Matrix Spike (7060014-MS1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
C9-C36 Aliphatic Hydrocarbons	103		mg/kg dry	21.3	149	BRL	69	50-150		
Surrogate: 1-Chlorooctadecane	*3.85*		mg/kg dry		*5.33*		*72*	*40-140*		
Matrix Spike Dup (7060014-MSD1) **Source: SA62767-08**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
C9-C36 Aliphatic Hydrocarbons	87.5		mg/kg dry	17.8	125	BRL	70	50-150	1	30
Surrogate: 1-Chlorooctadecane	*3.96*		mg/kg dry		*4.45*		*89*	*40-140*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052287 - SW846 3510C										
Blank (7052287-BLK1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	BRL		µg/l	0.1000						
a-BHC	BRL		µg/l	0.1000						
b-BHC	BRL		µg/l	0.1000						
d-BHC	BRL		µg/l	0.1000						
g-BHC (Lindane)	BRL		µg/l	0.1000						
Chlordane	BRL		µg/l	0.5000						
4,4'-DDD (p,p')	BRL		µg/l	0.1000						
4,4'-DDE (p,p')	BRL		µg/l	0.1000						
4,4'-DDT (p,p')	BRL		µg/l	0.1000						
Dieldrin	BRL		µg/l	0.1000						
Endosulfan I	BRL		µg/l	0.1000						
Endosulfan II	BRL		µg/l	0.1000						
Endosulfan Sulfate	BRL		µg/l	0.1000						
Endrin	BRL		µg/l	0.1000						
Endrin Aldehyde	BRL		µg/l	0.1000						
Heptachlor	BRL		µg/l	0.1000						
Methoxychlor	BRL		µg/l	0.1000						
Heptachlor Epoxide	BRL		µg/l	0.1000						
Toxaphene	BRL		µg/l	0.5000						
a-Chlordane	BRL		µg/l	0.1000						
g-Chlordane	BRL		µg/l	0.1000						
Endrin Ketone	BRL		µg/l	0.1000						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0819*		µg/l		*0.2000*		*41*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.130*		µg/l		*0.2000*		*65*	*30-150*		
LCS (7052287-BS1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	0.1283		µg/l	0.1000	0.2000		64	40-140		
a-BHC	0.1132		µg/l	0.1000	0.2000		57	40-140		
b-BHC	0.1183		µg/l	0.1000	0.2000		59	40-140		
d-BHC	0.0954		µg/l	0.1000	0.2000		48	40-140		
g-BHC (Lindane)	0.1172		µg/l	0.1000	0.2000		59	40-140		
4,4'-DDD (p,p')	0.1329		µg/l	0.1000	0.2000		66	40-140		
4,4'-DDE (p,p')	0.1194		µg/l	0.1000	0.2000		60	40-140		
4,4'-DDT (p,p')	0.1061		µg/l	0.1000	0.2000		53	40-140		
Dieldrin	0.1231		µg/l	0.1000	0.2000		62	40-140		
Endosulfan I	0.1355		µg/l	0.1000	0.2000		68	40-140		
Endosulfan II	0.1363		µg/l	0.1000	0.2000		68	40-140		
Endosulfan Sulfate	0.1250		µg/l	0.1000	0.2000		62	40-140		
Endrin	0.1347		µg/l	0.1000	0.2000		67	40-140		
Endrin Aldehyde	0.1281		µg/l	0.1000	0.2000		64	40-140		
Heptachlor	0.1364		µg/l	0.1000	0.2000		68	40-140		
Methoxychlor	0.1335		µg/l	0.1000	0.2000		67	40-140		
Heptachlor Epoxide	0.1372		µg/l	0.1000	0.2000		69	40-140		
a-Chlordane	0.1324		µg/l	0.1000	0.2000		66	40-140		
g-Chlordane	0.1343		µg/l	0.1000	0.2000		67	40-140		
Endrin Ketone	0.1368		µg/l	0.1000	0.2000		68	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0806*		µg/l		*0.2000*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.131*		µg/l		*0.2000*		*66*	*30-150*		
LCS Dup (7052287-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
Aldrin	0.1318		µg/l	0.1000	0.2000		66	40-140	3	20

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052287 - SW846 3510C										
LCS Dup (7052287-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
a-BHC	0.1128		µg/l	0.1000	0.2000		56	40-140	2	20
b-BHC	0.1198		µg/l	0.1000	0.2000		60	40-140	2	20
d-BHC	0.0934		µg/l	0.1000	0.2000		47	40-140	2	20
g-BHC (Lindane)	0.1162		µg/l	0.1000	0.2000		58	40-140	2	20
4,4'-DDD (p,p')	0.1320		µg/l	0.1000	0.2000		66	40-140	0	20
4,4'-DDE (p,p')	0.1257		µg/l	0.1000	0.2000		63	40-140	5	20
4,4'-DDT (p,p')	0.1135		µg/l	0.1000	0.2000		57	40-140	7	20
Dieldrin	0.1269		µg/l	0.1000	0.2000		63	40-140	2	20
Endosulfan I	0.1399		µg/l	0.1000	0.2000		70	40-140	3	20
Endosulfan II	0.1391		µg/l	0.1000	0.2000		70	40-140	3	20
Endosulfan Sulfate	0.1350		µg/l	0.1000	0.2000		68	40-140	9	20
Endrin	0.1239		µg/l	0.1000	0.2000		62	40-140	8	20
Endrin Aldehyde	0.1299		µg/l	0.1000	0.2000		65	40-140	2	20
Heptachlor	0.1349		µg/l	0.1000	0.2000		67	40-140	1	20
Methoxychlor	0.1213		µg/l	0.1000	0.2000		61	40-140	9	20
Heptachlor Epoxide	0.1380		µg/l	0.1000	0.2000		69	40-140	0	20
a-Chlordane	0.1372		µg/l	0.1000	0.2000		69	40-140	4	20
g-Chlordane	0.1334		µg/l	0.1000	0.2000		67	40-140	0	20
Endrin Ketone	0.1448		µg/l	0.1000	0.2000		72	40-140	6	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0820*		µg/l		*0.2000*		*41*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.133*		µg/l		*0.2000*		*66*	*30-150*		
Batch 7052288 - SW846 3510C										
Blank (7052288-BLK2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	BRL		µg/l	0.0200						
PCB 1221	BRL		µg/l	0.0200						
PCB 1232	BRL		µg/l	0.0200						
PCB 1242	BRL		µg/l	0.0200						
PCB 1248	BRL		µg/l	0.0200						
PCB 1254	BRL		µg/l	0.0200						
PCB 1260	BRL		µg/l	0.0200						
PCB 1262	BRL		µg/l	0.0200						
PCB 1268	BRL		µg/l	0.0200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00900*		µg/l		*0.0200*		*45*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0150*		µg/l		*0.0200*		*75*	*30-150*		
LCS (7052288-BS2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	0.200		µg/l	0.0200	0.250		80	40-140		
PCB 1260	0.217		µg/l	0.0200	0.250		87	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00800*		µg/l		*0.0200*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0160*		µg/l		*0.0200*		*80*	*30-150*		
LCS Dup (7052288-BSD2)										
Prepared: 31-May-07 Analyzed: 03-Jun-07										
PCB 1016	0.216		µg/l	0.0200	0.250		86	40-140	7	20
PCB 1260	0.213		µg/l	0.0200	0.250		85	40-140	2	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.00800*		µg/l		*0.0200*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0150*		µg/l		*0.0200*		*75*	*30-150*		
Batch 7052301 - SW846 3550B										
Blank (7052301-BLK1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052301 - SW846 3550B										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
LCS (7052301-BS1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	409		µg/kg wet	28.6	357		115	40-140		
PCB 1260	373		µg/kg wet	28.6	357		104	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
LCS Dup (7052301-BSD1)										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	403		µg/kg wet	28.6	357		113	40-140	2	30
PCB 1260	377		µg/kg wet	28.6	357		106	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*28.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65*	*30-150*		
Duplicate (7052301-DUP1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	BRL		µg/kg dry	31.3		BRL				40
PCB 1221	BRL		µg/kg dry	31.3		BRL				40
PCB 1232	BRL		µg/kg dry	31.3		BRL				40
PCB 1242	BRL		µg/kg dry	31.3		BRL				40
PCB 1248	BRL		µg/kg dry	31.3		BRL				40
PCB 1254	BRL		µg/kg dry	31.3		BRL				40
PCB 1260	BRL		µg/kg dry	31.3		BRL				40
PCB 1262	BRL		µg/kg dry	31.3		BRL				40
PCB 1268	BRL		µg/kg dry	31.3		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.3*		µg/kg dry		*31.3*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.3*		*70*	*30-150*		
Matrix Spike (7052301-MS1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	437		µg/kg dry	31.4	392	BRL	111	40-140		
PCB 1260	386		µg/kg dry	31.4	392	BRL	98	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.8*		µg/kg dry		*31.4*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.9*		µg/kg dry		*31.4*		*70*	*30-150*		
Matrix Spike Dup (7052301-MSD1) **Source: SA62769-01**										
Prepared: 31-May-07 Analyzed: 02-Jun-07										
PCB 1016	441		µg/kg dry	31.6	395	BRL	112	40-140	0.9	50
PCB 1260	379		µg/kg dry	31.6	395	BRL	96	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.0*		µg/kg dry		*31.6*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.1*		µg/kg dry		*31.6*		*70*	*30-150*		
Batch 7060020 - SW846 3550B										
Blank (7060020-BLK1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060020 - SW846 3550B										
Blank (7060020-BLK1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg wet		*28.6*		*64*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.2*		µg/kg wet		*28.6*		*92*	*30-150*		
LCS (7060020-BS1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	22.9		µg/kg wet	14.3	28.6		80	40-140		
a-BHC	21.7		µg/kg wet	14.3	28.6		76	40-140		
b-BHC	21.8		µg/kg wet	14.3	28.6		76	40-140		
d-BHC	17.3		µg/kg wet	14.3	28.6		60	40-140		
g-BHC (Lindane)	22.1		µg/kg wet	14.3	28.6		77	40-140		
4,4'-DDD (p,p')	23.4		µg/kg wet	14.3	28.6		82	40-140		
4,4'-DDE (p,p')	21.2		µg/kg wet	14.3	28.6		74	40-140		
4,4'-DDT (p,p')	18.8		µg/kg wet	14.3	28.6		66	40-140		
Dieldrin	22.1		µg/kg wet	14.3	28.6		77	40-140		
Endosulfan I	24.6		µg/kg wet	14.3	28.6		86	40-140		
Endosulfan II	24.4		µg/kg wet	14.3	28.6		85	40-140		
Endosulfan Sulfate	22.4		µg/kg wet	14.3	28.6		78	40-140		
Endrin	21.9		µg/kg wet	14.3	28.6		77	40-140		
Endrin Aldehyde	23.8		µg/kg wet	14.3	28.6		83	40-140		
Heptachlor	24.6		µg/kg wet	14.3	28.6		86	40-140		
Methoxychlor	20.7		µg/kg wet	14.3	28.6		72	40-140		
Heptachlor Epoxide	26.3		µg/kg wet	14.3	28.6		92	40-140		
a-Chlordane	24.0		µg/kg wet	14.3	28.6		84	40-140		
g-Chlordane	26.0		µg/kg wet	14.3	28.6		91	40-140		
Endrin Ketone	24.0		µg/kg wet	14.3	28.6		84	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg wet		*28.6*		*56*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*23.0*		µg/kg wet		*28.6*		*80*	*30-150*		
LCS Dup (7060020-BSD1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	27.9		µg/kg wet	14.3	28.6		98	40-140	20	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060020 - SW846 3550B										
LCS Dup (7060020-BSD1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
a-BHC	25.4		µg/kg wet	14.3	28.6		89	40-140	16	30
b-BHC	23.7		µg/kg wet	14.3	28.6		83	40-140	9	30
d-BHC	20.9		µg/kg wet	14.3	28.6		73	40-140	20	30
g-BHC (Lindane)	25.5		µg/kg wet	14.3	28.6		89	40-140	14	30
4,4'-DDD (p,p')	26.5		µg/kg wet	14.3	28.6		93	40-140	13	30
4,4'-DDE (p,p')	25.4		µg/kg wet	14.3	28.6		89	40-140	18	30
4,4'-DDT (p,p')	22.0		µg/kg wet	14.3	28.6		77	40-140	15	30
Dieldrin	26.2		µg/kg wet	14.3	28.6		92	40-140	18	30
Endosulfan I	28.5		µg/kg wet	14.3	28.6		100	40-140	15	30
Endosulfan II	28.1		µg/kg wet	14.3	28.6		98	40-140	14	30
Endosulfan Sulfate	25.9		µg/kg wet	14.3	28.6		91	40-140	15	30
Endrin	25.9		µg/kg wet	14.3	28.6		91	40-140	17	30
Endrin Aldehyde	26.6		µg/kg wet	14.3	28.6		93	40-140	11	30
Heptachlor	28.5		µg/kg wet	14.3	28.6		100	40-140	15	30
Methoxychlor	25.0		µg/kg wet	14.3	28.6		87	40-140	19	30
Heptachlor Epoxide	28.9		µg/kg wet	14.3	28.6		101	40-140	9	30
a-Chlordane	27.7		µg/kg wet	14.3	28.6		97	40-140	14	30
g-Chlordane	27.3		µg/kg wet	14.3	28.6		95	40-140	4	30
Endrin Ketone	27.8		µg/kg wet	14.3	28.6		97	40-140	14	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.4*		µg/kg wet		*28.6*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.8*		µg/kg wet		*28.6*		*87*	*30-150*		
Duplicate (7060020-DUP1) **Source: SA62930-03**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	BRL		µg/kg dry	18.0		BRL				30
a-BHC	BRL		µg/kg dry	18.0		BRL				30
b-BHC	BRL		µg/kg dry	18.0		BRL				30
d-BHC	BRL		µg/kg dry	18.0		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	18.0		BRL				30
Chlordane	BRL		µg/kg dry	90.0		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	18.0		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	18.0		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	18.0		BRL				30
Dieldrin	BRL		µg/kg dry	18.0		BRL				30
Endosulfan I	BRL		µg/kg dry	18.0		BRL				30
Endosulfan II	BRL		µg/kg dry	18.0		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	18.0		BRL				30
Endrin	BRL		µg/kg dry	18.0		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	18.0		BRL				30
Heptachlor	BRL		µg/kg dry	18.0		BRL				30
Methoxychlor	BRL		µg/kg dry	18.0		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	18.0		BRL				30
Toxaphene	BRL		µg/kg dry	90.0		BRL				30
a-Chlordane	BRL		µg/kg dry	18.0		BRL				30
g-Chlordane	BRL		µg/kg dry	18.0		BRL				30
Endrin Ketone	BRL		µg/kg dry	18.0		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*35.9*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.2*		µg/kg dry		*35.9*		*90*	*30-150*		
Matrix Spike (7060020-MS1) **Source: SA62930-03**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	31.6		µg/kg dry	17.7	35.4	BRL	89	30-150		
a-BHC	29.1		µg/kg dry	17.7	35.4	BRL	82	30-150		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060020 - SW846 3550B										
Matrix Spike (7060020-MS1) **Source: SA62930-03**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
b-BHC	27.6		µg/kg dry	17.7	35.4	BRL	78	30-150		
d-BHC	22.7		µg/kg dry	17.7	35.4	BRL	64	30-150		
g-BHC (Lindane)	29.0		µg/kg dry	17.7	35.4	BRL	82	30-150		
4,4'-DDD (p,p')	31.0		µg/kg dry	17.7	35.4	BRL	88	30-150		
4,4'-DDE (p,p')	28.9		µg/kg dry	17.7	35.4	BRL	82	30-150		
4,4'-DDT (p,p')	23.0		µg/kg dry	17.7	35.4	BRL	65	30-150		
Dieldrin	31.4		µg/kg dry	17.7	35.4	BRL	89	30-150		
Endosulfan I	32.7		µg/kg dry	17.7	35.4	BRL	92	30-150		
Endosulfan II	32.9		µg/kg dry	17.7	35.4	BRL	93	30-150		
Endosulfan Sulfate	30.8		µg/kg dry	17.7	35.4	BRL	87	30-150		
Endrin	29.3		µg/kg dry	17.7	35.4	BRL	83	30-150		
Endrin Aldehyde	31.8		µg/kg dry	17.7	35.4	BRL	90	30-150		
Heptachlor	32.6		µg/kg dry	17.7	35.4	BRL	92	30-150		
Methoxychlor	28.7		µg/kg dry	17.7	35.4	BRL	81	30-150		
Heptachlor Epoxide	35.2		µg/kg dry	17.7	35.4	BRL	99	30-150		
a-Chlordane	32.3		µg/kg dry	17.7	35.4	BRL	91	30-150		
g-Chlordane	32.2		µg/kg dry	17.7	35.4	BRL	91	30-150		
Endrin Ketone	34.1		µg/kg dry	17.7	35.4	BRL	96	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.9*		µg/kg dry		*35.4*		*34*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.0*		µg/kg dry		*35.4*		*56*	*30-150*		
Matrix Spike Dup (7060020-MSD1) **Source: SA62930-03**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Aldrin	30.7		µg/kg dry	17.3	34.5	BRL	89	30-150	0	30
a-BHC	27.0		µg/kg dry	17.3	34.5	BRL	78	30-150	5	30
b-BHC	26.6		µg/kg dry	17.3	34.5	BRL	77	30-150	1	30
d-BHC	21.5		µg/kg dry	17.3	34.5	BRL	62	30-150	3	30
g-BHC (Lindane)	27.8		µg/kg dry	17.3	34.5	BRL	81	30-150	1	30
4,4'-DDD (p,p')	30.7		µg/kg dry	17.3	34.5	BRL	89	30-150	1	30
4,4'-DDE (p,p')	28.2		µg/kg dry	17.3	34.5	BRL	82	30-150	0	30
4,4'-DDT (p,p')	23.2		µg/kg dry	17.3	34.5	BRL	67	30-150	3	30
Dieldrin	29.2		µg/kg dry	17.3	34.5	BRL	85	30-150	5	30
Endosulfan I	31.8		µg/kg dry	17.3	34.5	BRL	92	30-150	0	30
Endosulfan II	31.9		µg/kg dry	17.3	34.5	BRL	92	30-150	1	30
Endosulfan Sulfate	30.1		µg/kg dry	17.3	34.5	BRL	87	30-150	0	30
Endrin	28.5		µg/kg dry	17.3	34.5	BRL	83	30-150	0	30
Endrin Aldehyde	31.2		µg/kg dry	17.3	34.5	BRL	90	30-150	0	30
Heptachlor	31.7		µg/kg dry	17.3	34.5	BRL	92	30-150	0	30
Methoxychlor	26.9		µg/kg dry	17.3	34.5	BRL	78	30-150	4	30
Heptachlor Epoxide	32.2		µg/kg dry	17.3	34.5	BRL	93	30-150	6	30
a-Chlordane	31.1		µg/kg dry	17.3	34.5	BRL	90	30-150	1	50
g-Chlordane	31.2		µg/kg dry	17.3	34.5	BRL	90	30-150	1	50
Endrin Ketone	34.2		µg/kg dry	17.3	34.5	BRL	99	30-150	3	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.5*		µg/kg dry		*34.5*		*57*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.3*		µg/kg dry		*34.5*		*94*	*30-150*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052289 - SW846 3510C										
Blank (7052289-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
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	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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052289 - SW846 3510C										
Blank (7052289-BLK1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
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	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
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						
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	5.00						
Phenanthrene	BRL		µg/l	0.050						
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						
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						
Surrogate: 2-Fluorobiphenyl	*83.0*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.0*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorophenol	*75.6*		µg/l		*100*		*76*	*15-110*		
Surrogate: Nitrobenzene-d5	*79.4*		µg/l		*100*		*79*	*30-130*		
Surrogate: Phenol-d5	*66.8*		µg/l		*100*		*67*	*15-110*		
Surrogate: Terphenyl-dl4	*83.0*		µg/l		*100*		*83*	*30-130*		
Surrogate: Terphenyl-dl4	*83.0*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*66.9*		µg/l		*100*		*67*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052289 - SW846 3510C										
LCS (7052289-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
Acenaphthene	75.9		µg/l	0.050	100		76	40-140		
Acenaphthene	75.9		µg/l	5.00	100		76	40-130		
Acenaphthylene	82.6		µg/l	5.00	100		83	40-130		
Acenaphthylene	82.6		µg/l	0.050	100		83	40-140		
Aniline	99.8		µg/l	5.00	100		100	40-130		
1-Methylnaphthalene	75.8		µg/l	0.050	100		76	40-140		
Anthracene	88.6		µg/l	5.00	100		89	40-130		
Anthracene	88.6		µg/l	0.050	100		89	40-140		
Atrazine	170		µg/l	5.00	100		170	0-200		
Azobenzene/Diphenyldiazine	94.1		µg/l	5.00	100		94	40-130		
Benzidine	178		µg/l	5.00	100		178	0-212		
Benzo (a) anthracene	77.6		µg/l	5.00	100		78	40-130		
Benzo (a) anthracene	77.6		µg/l	0.050	100		78	40-140		
Benzo (a) pyrene	82.5		µg/l	0.050	100		82	40-140		
Benzo (a) pyrene	82.5		µg/l	5.00	100		82	40-130		
Benzo (b) fluoranthene	70.9		µg/l	5.00	100		71	40-130		
Benzo (b) fluoranthene	70.9		µg/l	0.050	100		71	40-140		
Benzo (g,h,i) perylene	77.2		µg/l	0.050	100		77	40-140		
Benzo (g,h,i) perylene	77.2		µg/l	5.00	100		77	40-130		
Benzo (k) fluoranthene	88.7		µg/l	0.050	100		89	40-140		
Benzo (k) fluoranthene	88.7		µg/l	5.00	100		89	40-130		
Benzoic acid	56.4		µg/l	5.00	100		56	10.5-130		
Benzyl alcohol	62.0		µg/l	5.00	100		62	40-130		
Bis(2-chloroethoxy)methane	76.7		µg/l	5.00	100		77	40-130		
Bis(2-chloroethyl)ether	67.9		µg/l	5.00	100		68	40-130		
Bis(2-chloroisopropyl)ether	84.3		µg/l	5.00	100		84	40-130		
Bis(2-ethylhexyl)phthalate	73.6		µg/l	5.00	100		74	40-130		
4-Bromophenyl phenyl ether	80.3		µg/l	5.00	100		80	40-130		
Butyl benzyl phthalate	73.0		µg/l	5.00	100		73	40-130		
Carbazole	97.4		µg/l	5.00	100		97	40-130		
4-Chloro-3-methylphenol	71.0		µg/l	5.00	100		71	40-130		
4-Chloroaniline	76.0		µg/l	5.00	100		76	40-130		
2-Chloronaphthalene	75.6		µg/l	5.00	100		76	40-130		
2-Chlorophenol	62.6		µg/l	5.00	100		63	40-130		
4-Chlorophenyl phenyl ether	82.6		µg/l	5.00	100		83	40-130		
Chrysene	78.6		µg/l	5.00	100		79	40-130		
Chrysene	78.6		µg/l	0.050	100		79	40-140		
Dibenzo (a,h) anthracene	85.6		µg/l	0.050	100		86	40-140		
Dibenzo (a,h) anthracene	85.6		µg/l	5.00	100		86	40-130		
Dibenzofuran	81.9		µg/l	5.00	100		82	40-130		
1,2-Dichlorobenzene	64.4		µg/l	5.00	100		64	40-130		
1,3-Dichlorobenzene	59.1		µg/l	5.00	100		59	40-130		
1,4-Dichlorobenzene	64.4		µg/l	5.00	100		64	40-130		
3,3´-Dichlorobenzidine	75.6		µg/l	5.00	100		76	40-130		
2,4-Dichlorophenol	67.0		µg/l	5.00	100		67	40-130		
Diethyl phthalate	77.9		µg/l	5.00	100		78	40-130		
Dimethyl phthalate	75.2		µg/l	5.00	100		75	40-130		
2,4-Dimethylphenol	62.7		µg/l	5.00	100		63	40-130		
Di-n-butyl phthalate	78.0		µg/l	5.00	100		78	40-130		
4,6-Dinitro-2-methylphenol	78.7		µg/l	5.00	100		79	40-130		
2,4-Dinitrophenol	64.1		µg/l	5.00	100		64	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7052289 - SW846 3510C										
LCS (7052289-BS1)										
Prepared: 31-May-07 Analyzed: 01-Jun-07										
2,4-Dinitrotoluene	86.8		µg/l	5.00	100		87	40-130		
2,6-Dinitrotoluene	84.1		µg/l	5.00	100		84	40-130		
Di-n-octyl phthalate	82.4		µg/l	5.00	100		82	40-130		
Fluoranthene	79.2		µg/l	0.050	100		79	40-140		
Fluoranthene	79.2		µg/l	5.00	100		79	40-130		
Fluorene	80.4		µg/l	0.050	100		80	40-140		
Fluorene	80.4		µg/l	5.00	100		80	40-130		
Hexachlorobenzene	81.4		µg/l	5.00	100		81	40-130		
Hexachlorobutadiene	77.0		µg/l	5.00	100		77	40-130		
Hexachlorocyclopentadiene	83.6		µg/l	5.00	100		84	40-130		
Hexachloroethane	67.8		µg/l	5.00	100		68	40-130		
Indeno (1,2,3-cd) pyrene	84.1		µg/l	5.00	100		84	40-130		
Indeno (1,2,3-cd) pyrene	84.1		µg/l	0.050	100		84	40-140		
Isophorone	79.9		µg/l	5.00	100		80	40-130		
2-Methylnaphthalene	77.8		µg/l	0.050	100		78	40-140		
2-Methylnaphthalene	77.8		µg/l	5.00	100		78	40-130		
2-Methylphenol	62.6		µg/l	5.00	100		63	40-130		
3,4-Methylphenol	68.4		µg/l	10.0	100		68	40-130		
Naphthalene	82.1		µg/l	5.00	100		82	40-130		
Naphthalene	82.1		µg/l	0.050	100		82	40-140		
2-Nitroaniline	86.3		µg/l	5.00	100		86	40-130		
3-Nitroaniline	84.4		µg/l	5.00	100		84	40-130		
4-Nitroaniline	112		µg/l	20.0	100		112	40-130		
Nitrobenzene	77.9		µg/l	5.00	100		78	40-130		
2-Nitrophenol	67.2		µg/l	5.00	100		67	40-130		
4-Nitrophenol	71.4		µg/l	20.0	100		71	40-130		
N-Nitrosodimethylamine	81.3		µg/l	5.00	100		81	40-130		
N-Nitrosodi-n-propylamine	66.9		µg/l	5.00	100		67	40-130		
N-Nitrosodiphenylamine	86.2		µg/l	5.00	100		86	40-130		
Pentachlorophenol	69.8		µg/l	20.0	100		70	40-130		
Phenanthrene	79.4		µg/l	5.00	100		79	40-130		
Phenanthrene	79.4		µg/l	0.050	100		79	40-140		
Phenol	66.9		µg/l	5.00	100		67	40-130		
Pyrene	75.9		µg/l	0.050	100		76	40-140		
Pyrene	75.9		µg/l	5.00	100		76	40-130		
Pyridine	65.8		µg/l	5.00	100		66	40-130		
Hexachlorobenzene	81.4		µg/l	1.00	100		81	40-140		
1-Methylnaphthalene	75.8		µg/l	5.00	100		76	40-140		
1,2,4-Trichlorobenzene	73.2		µg/l	5.00	100		73	40-130		
Hexachloroethane	67.8		µg/l	1.00	100		68	40-140		
Pentachlorophenol	69.8		µg/l	1.00	100		70	30-130		
2,4,5-Trichlorophenol	68.9		µg/l	5.00	100		69	40-130		
Hexachlorobutadiene	77.0		µg/l	0.500	100		77	40-140		
2,4,6-Trichlorophenol	60.3		µg/l	5.00	100		60	40-130		
Surrogate: 2-Fluorobiphenyl	*83.2*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*83.2*		µg/l		*100*		*83*	*30-130*		
Surrogate: 2-Fluorophenol	*63.3*		µg/l		*100*		*63*	*15-110*		
Surrogate: Nitrobenzene-d5	*85.9*		µg/l		*100*		*86*	*30-130*		
Surrogate: Phenol-d5	*62.3*		µg/l		*100*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*84.5*		µg/l		*100*		*84*	*30-130*		
Surrogate: Terphenyl-dl4	*84.5*		µg/l		*100*		*84*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*88.7*		µg/l		*100*		*89*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
Blank (7060114-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
Blank (7060114-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
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						
Surrogate: 2-Fluorobiphenyl	*2660*		µg/kg wet		*6670*		*40*	*30-130*		
Surrogate: 2-Fluorophenol	*2710*		µg/kg wet		*6670*		*41*	*15-110*		
Surrogate: Nitrobenzene-d5	*2380*		µg/kg wet		*6670*		*36*	*30-130*		
Surrogate: Phenol-d5	*2200*		µg/kg wet		*6670*		*33*	*15-110*		
Surrogate: Terphenyl-dl4	*3260*		µg/kg wet		*6670*		*49*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2540*		µg/kg wet		*6670*		*38*	*15-110*		
LCS (7060114-BS1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Acenaphthene	5050		µg/kg wet	330	6670		76	40-130		
Acenaphthylene	5680		µg/kg wet	330	6670		85	40-130		
Aniline	8580		µg/kg wet	330	6670		129	40-130		
Anthracene	5270		µg/kg wet	330	6670		79	40-130		
Atrazine	20500	QC2	µg/kg wet	330	6670		307	40-130		
Azobenzene/Diphenyldiazine	4380		µg/kg wet	330	6670		66	40-130		
Benzidine	9200	QC2	µg/kg wet	330	6670		138	0-130		
Benzo (a) anthracene	4570		µg/kg wet	330	6670		69	40-130		
Benzo (a) pyrene	5170		µg/kg wet	330	6670		78	40-130		
Benzo (b) fluoranthene	4100		µg/kg wet	330	6670		61	40-130		
Benzo (g,h,i) perylene	5030		µg/kg wet	330	6670		75	40-130		
Benzo (k) fluoranthene	6080		µg/kg wet	330	6670		91	40-130		
Benzoic acid	BRL	QC2	µg/kg wet	330	6670			6.16-130		
Benzyl alcohol	3290		µg/kg wet	330	6670		49	40-130		
Bis(2-chloroethoxy)methane	3430		µg/kg wet	330	6670		51	40-130		
Bis(2-chloroethyl)ether	4350		µg/kg wet	330	6670		65	40-130		
Bis(2-chloroisopropyl)ether	5640		µg/kg wet	330	6670		85	40-130		
Bis(2-ethylhexyl)phthalate	4520		µg/kg wet	330	6670		68	40-130		
4-Bromophenyl phenyl ether	5010		µg/kg wet	330	6670		75	40-130		
Butyl benzyl phthalate	4370		µg/kg wet	330	6670		66	40-130		
Carbazole	12800	QC1	µg/kg wet	330	6670		192	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
LCS (7060114-BS1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
4-Chloro-3-methylphenol	3350		µg/kg wet	330	6670		50	40-130		
4-Chloroaniline	6010		µg/kg wet	330	6670		90	40-130		
2-Chloronaphthalene	4860		µg/kg wet	330	6670		73	40-130		
2-Chlorophenol	4340		µg/kg wet	330	6670		65	40-130		
4-Chlorophenyl phenyl ether	5420		µg/kg wet	330	6670		81	40-130		
Chrysene	5320		µg/kg wet	330	6670		80	40-130		
Dibenzo (a,h) anthracene	5240		µg/kg wet	330	6670		79	40-130		
Dibenzofuran	5230		µg/kg wet	330	6670		78	40-130		
1,2-Dichlorobenzene	5610		µg/kg wet	330	6670		84	40-130		
1,3-Dichlorobenzene	4100		µg/kg wet	330	6670		61	40-130		
1,4-Dichlorobenzene	4450		µg/kg wet	330	6670		67	40-130		
3,3'-Dichlorobenzidine	6160		µg/kg wet	330	6670		92	40-130		
2,4-Dichlorophenol	3510		µg/kg wet	330	6670		53	40-130		
Diethyl phthalate	4820		µg/kg wet	330	6670		72	40-130		
Dimethyl phthalate	5090		µg/kg wet	330	6670		76	40-130		
2,4-Dimethylphenol	2980		µg/kg wet	330	6670		45	40-130		
Di-n-butyl phthalate	4690		µg/kg wet	330	6670		70	40-130		
4,6-Dinitro-2-methylphenol	3210		µg/kg wet	330	6670		48	40-130		
2,4-Dinitrophenol	2900		µg/kg wet	330	6670		43	40-130		
2,4-Dinitrotoluene	5600		µg/kg wet	330	6670		84	40-130		
2,6-Dinitrotoluene	6190		µg/kg wet	330	6670		93	40-130		
Di-n-octyl phthalate	4470		µg/kg wet	330	6670		67	40-130		
Fluoranthene	4940		µg/kg wet	330	6670		74	40-130		
Fluorene	5300		µg/kg wet	330	6670		79	40-130		
Hexachlorobenzene	5300		µg/kg wet	330	6670		79	40-130		
Hexachlorobutadiene	3950		µg/kg wet	330	6670		59	40-130		
Hexachlorocyclopentadiene	2260	QC2	µg/kg wet	330	6670		34	40-130		
Hexachloroethane	5110		µg/kg wet	330	6670		77	40-130		
Indeno (1,2,3-cd) pyrene	5230		µg/kg wet	330	6670		78	40-130		
1-Methylnaphthalene	5200		µg/kg wet	330	6670		78	40-140		
Isophorone	3730		µg/kg wet	330	6670		56	40-130		
2-Methylnaphthalene	3520		µg/kg wet	330	6670		53	40-130		
2-Methylphenol	4200		µg/kg wet	330	6670		63	40-130		
3,4-Methylphenol	4050		µg/kg wet	330	6670		61	40-130		
Naphthalene	3790		µg/kg wet	330	6670		57	40-130		
2-Nitroaniline	5780		µg/kg wet	330	6670		87	40-130		
3-Nitroaniline	6090		µg/kg wet	330	6670		91	40-130		
4-Nitroaniline	6760		µg/kg wet	1320	6670		101	40-130		
Nitrobenzene	3930		µg/kg wet	330	6670		59	40-130		
2-Nitrophenol	3310		µg/kg wet	330	6670		50	40-130		
4-Nitrophenol	5120		µg/kg wet	1320	6670		77	40-130		
N-Nitrosodimethylamine	5040		µg/kg wet	330	6670		76	40-130		
N-Nitrosodi-n-propylamine	4620		µg/kg wet	330	6670		69	40-130		
N-Nitrosodiphenylamine	6570		µg/kg wet	330	6670		99	40-130		
Pentachlorophenol	3670		µg/kg wet	330	6670		55	40-130		
Phenanthrene	4790		µg/kg wet	330	6670		72	40-130		
Phenol	4470		µg/kg wet	330	6670		67	40-130		
Pyrene	4670		µg/kg wet	330	6670		70	40-130		
Pyridine	4050		µg/kg wet	330	6670		61	40-130		
1,2,4-Trichlorobenzene	4020		µg/kg wet	330	6670		60	40-130		
2,4,5-Trichlorophenol	3700		µg/kg wet	330	6670		55	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
LCS (7060114-BS1)										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
2,4,6-Trichlorophenol	3660		µg/kg wet	330	6670		55	40-130		
Surrogate: 2-Fluorobiphenyl	*5570*		µg/kg wet		*6670*		*84*	*30-130*		
Surrogate: 2-Fluorophenol	*4460*		µg/kg wet		*6670*		*67*	*15-110*		
Surrogate: Nitrobenzene-d5	*3700*		µg/kg wet		*6670*		*55*	*30-130*		
Surrogate: Phenol-d5	*3550*		µg/kg wet		*6670*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*5650*		µg/kg wet		*6670*		*85*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5830*		µg/kg wet		*6670*		*87*	*15-110*		
Duplicate (7060114-DUP1) **Source: SA62523-64**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Acenaphthene	BRL		µg/kg wet	690		BRL				50
Acenaphthylene	BRL		µg/kg wet	690		BRL				50
Aniline	BRL		µg/kg wet	690		BRL				50
Anthracene	BRL		µg/kg wet	690		BRL				50
Atrazine	BRL		µg/kg wet	690		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	690		BRL				50
Benzidine	BRL		µg/kg wet	690		BRL				50
Benzo (a) anthracene	BRL		µg/kg wet	690		BRL				50
Benzo (a) pyrene	BRL		µg/kg wet	690		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg wet	690		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg wet	690		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg wet	690		BRL				50
Benzoic acid	BRL		µg/kg wet	690		BRL				50
Benzyl alcohol	BRL		µg/kg wet	690		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	690		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg wet	690		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	690		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	690		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg wet	690		BRL				50
Butyl benzyl phthalate	BRL		µg/kg wet	690		BRL				50
Carbazole	BRL		µg/kg wet	690		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg wet	690		BRL				50
4-Chloroaniline	BRL		µg/kg wet	690		BRL				50
2-Chloronaphthalene	BRL		µg/kg wet	690		BRL				50
2-Chlorophenol	BRL		µg/kg wet	690		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	690		BRL				50
Chrysene	BRL		µg/kg wet	690		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg wet	690		BRL				50
Dibenzofuran	BRL		µg/kg wet	690		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg wet	690		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg wet	690		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg wet	690		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg wet	690		BRL				50
2,4-Dichlorophenol	BRL		µg/kg wet	690		BRL				50
Diethyl phthalate	BRL		µg/kg wet	690		BRL				50
Dimethyl phthalate	BRL		µg/kg wet	690		BRL				50
2,4-Dimethylphenol	BRL		µg/kg wet	690		BRL				50
Di-n-butyl phthalate	BRL		µg/kg wet	690		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	690		BRL				50
2,4-Dinitrophenol	BRL		µg/kg wet	690		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg wet	690		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg wet	690		BRL				50

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
Duplicate (7060114-DUP1) **Source: SA62523-64**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Di-n-octyl phthalate	BRL		µg/kg wet	690		BRL				50
Fluoranthene	BRL		µg/kg wet	690		BRL				50
Fluorene	BRL		µg/kg wet	690		BRL				50
Hexachlorobenzene	BRL		µg/kg wet	690		BRL				50
Hexachlorobutadiene	BRL		µg/kg wet	690		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg wet	690		BRL				50
Hexachloroethane	BRL		µg/kg wet	690		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	690		BRL				50
1-Methylnaphthalene	BRL		µg/kg wet	690		BRL				50
Isophorone	BRL		µg/kg wet	690		BRL				50
2-Methylnaphthalene	BRL		µg/kg wet	690		BRL				50
2-Methylphenol	BRL		µg/kg wet	690		BRL				50
3,4-Methylphenol	BRL		µg/kg wet	690		BRL				50
Naphthalene	BRL		µg/kg wet	690		BRL				50
2-Nitroaniline	BRL		µg/kg wet	690		BRL				50
3-Nitroaniline	BRL		µg/kg wet	690		BRL				50
4-Nitroaniline	BRL		µg/kg wet	2760		BRL				50
Nitrobenzene	BRL		µg/kg wet	690		BRL				50
2-Nitrophenol	BRL		µg/kg wet	690		BRL				50
4-Nitrophenol	BRL		µg/kg wet	2760		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg wet	690		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	690		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg wet	690		BRL				50
Pentachlorophenol	BRL		µg/kg wet	690		BRL				50
Phenanthrene	BRL		µg/kg wet	690		BRL				50
Phenol	BRL		µg/kg wet	690		BRL				50
Pyrene	BRL		µg/kg wet	690		BRL				50
Pyridine	BRL		µg/kg wet	690		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg wet	690		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg wet	690		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg wet	690		BRL				50
Surrogate: 2-Fluorobiphenyl	*5100*		µg/kg wet		*6970*		*73*	*30-130*		
Surrogate: 2-Fluorophenol	*4850*		µg/kg wet		*6970*		*70*	*15-110*		
Surrogate: Nitrobenzene-d5	*4320*		µg/kg wet		*6970*		*62*	*30-130*		
Surrogate: Phenol-d5	*4550*		µg/kg wet		*6970*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*5800*		µg/kg wet		*6970*		*83*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3740*		µg/kg wet		*6970*		*54*	*15-110*		
Matrix Spike (7060114-MS1) **Source: SA62523-64**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Acenaphthene	4360		µg/kg wet	339	6850	BRL	64	40-140		
4-Chloro-3-methylphenol	2810		µg/kg wet	339	6850	BRL	41	30-130		
2-Chlorophenol	3820		µg/kg wet	339	6850	BRL	56	30-130		
1,4-Dichlorobenzene	3840		µg/kg wet	339	6850	BRL	56	40-140		
2,4-Dinitrotoluene	4890		µg/kg wet	339	6850	BRL	71	40-140		
4-Nitrophenol	3700		µg/kg wet	1360	6850	BRL	54	30-130		
N-Nitrosodi-n-propylamine	4070		µg/kg wet	339	6850	BRL	59	40-140		
Pentachlorophenol	3340		µg/kg wet	339	6850	BRL	49	30-130		
Phenol	3860		µg/kg wet	339	6850	BRL	56	30-130		
Pyrene	4490		µg/kg wet	339	6850	BRL	66	40-140		
1,2,4-Trichlorobenzene	3540		µg/kg wet	339	6850	BRL	52	40-140		
Surrogate: 2-Fluorobiphenyl	*5090*		µg/kg wet		*6850*		*74*	*30-130*		
Surrogate: 2-Fluorophenol	*3960*		µg/kg wet		*6850*		*58*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060114 - SW846 3545A										
Matrix Spike (7060114-MS1) **Source: SA62523-64**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Surrogate: Nitrobenzene-d5	*3260*		µg/kg wet		*6850*		*48*	*30-130*		
Surrogate: Phenol-d5	*3130*		µg/kg wet		*6850*		*46*	*15-110*		
Surrogate: Terphenyl-dl4	*5310*		µg/kg wet		*6850*		*78*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5260*		µg/kg wet		*6850*		*77*	*15-110*		
Matrix Spike Dup (7060114-MSD1) **Source: SA62523-64**										
Prepared: 01-Jun-07 Analyzed: 05-Jun-07										
Acenaphthene	4580		µg/kg wet	337	6800	BRL	67	40-140	5	30
4-Chloro-3-methylphenol	3380		µg/kg wet	337	6800	BRL	50	30-130	20	30
2-Chlorophenol	4070		µg/kg wet	337	6800	BRL	60	30-130	7	30
1,4-Dichlorobenzene	3980		µg/kg wet	337	6800	BRL	59	40-140	5	30
2,4-Dinitrotoluene	5440		µg/kg wet	337	6800	BRL	80	40-140	12	30
4-Nitrophenol	4140		µg/kg wet	1350	6800	BRL	61	30-130	12	30
N-Nitrosodi-n-propylamine	4390		µg/kg wet	337	6800	BRL	65	40-140	10	30
Pentachlorophenol	3440		µg/kg wet	337	6800	BRL	51	30-130	4	30
Phenol	4250		µg/kg wet	337	6800	BRL	62	30-130	10	30
Pyrene	4310		µg/kg wet	337	6800	BRL	63	40-140	5	30
1,2,4-Trichlorobenzene	3580		µg/kg wet	337	6800	BRL	53	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*4890*		µg/kg wet		*6800*		*72*	*30-130*		
Surrogate: 2-Fluorophenol	*4090*		µg/kg wet		*6800*		*60*	*15-110*		
Surrogate: Nitrobenzene-d5	*3280*		µg/kg wet		*6800*		*48*	*30-130*		
Surrogate: Phenol-d5	*3350*		µg/kg wet		*6800*		*49*	*15-110*		
Surrogate: Terphenyl-dl4	*5010*		µg/kg wet		*6800*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5510*		µg/kg wet		*6800*		*81*	*15-110*		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060098 - EPA 200 Series										
Blank (7060098-BLK1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
LCS (7060098-BS1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.475		mg/l	0.0075	0.500		95	85-115		
Selenium	0.449		mg/l	0.0150	0.500		90	85-115		
Silver	0.512		mg/l	0.0050	0.500		102	85-115		
Cadmium	0.499		mg/l	0.0025	0.500		100	85-115		
Arsenic	0.452		mg/l	0.0040	0.500		90	85-115		
Barium	0.508		mg/l	0.0050	0.500		102	85-115		
Chromium	0.499		mg/l	0.0050	0.500		100	85-115		
LCS Dup (7060098-BSD1)										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.463		mg/l	0.0075	0.500		93	85-115	3	20
Selenium	0.434		mg/l	0.0150	0.500		87	85-115	3	20
Barium	0.496		mg/l	0.0050	0.500		99	85-115	2	20
Silver	0.500		mg/l	0.0050	0.500		100	85-115	2	20
Chromium	0.486		mg/l	0.0050	0.500		97	85-115	3	20
Cadmium	0.487		mg/l	0.0025	0.500		97	85-115	2	20
Arsenic	0.439		mg/l	0.0040	0.500		88	85-115	3	20
Duplicate (7060098-DUP1) **Source: SA62767-13**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Barium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0050		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Matrix Spike (7060098-MS1) **Source: SA62837-11**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Selenium	0.469		mg/l	0.0150	0.500	BRL	94	75-125		
Lead	0.492		mg/l	0.0075	0.500	BRL	98	75-125		
Barium	0.530		mg/l	0.0050	0.500	0.0112	104	75-125		
Silver	0.524		mg/l	0.0050	0.500	BRL	105	75-125		
Cadmium	0.519		mg/l	0.0025	0.500	0.0004	104	75-125		
Arsenic	0.476		mg/l	0.0040	0.500	BRL	95	75-125		
Chromium	0.514		mg/l	0.0050	0.500	BRL	103	75-125		
Matrix Spike Dup (7060098-MSD1) **Source: SA62837-11**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.489		mg/l	0.0075	0.500	BRL	98	75-125	0.6	20
Selenium	0.461		mg/l	0.0150	0.500	BRL	92	75-125	2	20
Barium	0.526		mg/l	0.0050	0.500	0.0112	103	75-125	0.8	20
Silver	0.520		mg/l	0.0050	0.500	BRL	104	75-125	0.8	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060098 - EPA 200 Series										
Matrix Spike Dup (7060098-MSD1) **Source: SA62837-11**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Arsenic	0.475		mg/l	0.0040	0.500	BRL	95	75-125	0.2	20
Chromium	0.508		mg/l	0.0050	0.500	BRL	102	75-125	1	20
Cadmium	0.514		mg/l	0.0025	0.500	0.0004	103	75-125	1	20
Post Spike (7060098-PS1) **Source: SA62837-11**										
Prepared: 01-Jun-07 Analyzed: 03-Jun-07										
Lead	0.476		mg/l	0.0075	0.500	BRL	95	80-120		
Selenium	0.457		mg/l	0.0150	0.500	BRL	91	80-120		
Barium	0.520		mg/l	0.0050	0.500	0.0112	102	80-120		
Cadmium	0.500		mg/l	0.0025	0.500	0.0004	100	80-120		
Silver	0.480		mg/l	0.0050	0.500	BRL	96	80-120		
Chromium	0.504		mg/l	0.0050	0.500	BRL	101	80-120		
Arsenic	0.460		mg/l	0.0040	0.500	BRL	92	80-120		
Batch 7060101 - SW846 3050B										
Blank (7060101-BLK1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Selenium	BRL		mg/kg wet	1.31						
Lead	BRL		mg/kg wet	1.31						
Silver	BRL		mg/kg wet	1.31						
Chromium	BRL		mg/kg wet	0.871						
Arsenic	BRL		mg/kg wet	1.31						
Cadmium	BRL		mg/kg wet	0.436						
Barium	BRL		mg/kg wet	0.871						
Duplicate (7060101-DUP1) **Source: SA62767-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	373		mg/kg dry	1.73		345			8	20
Selenium	0.738	J	mg/kg dry	1.73		0.711			4	20
Silver	1.23	J	mg/kg dry	1.73		1.21			2	20
Cadmium	0.0807	J	mg/kg dry	0.577		0.0711			13	20
Chromium	6.67		mg/kg dry	1.15		6.30			6	20
Arsenic	15.7		mg/kg dry	1.73		14.6			7	20
Barium	104		mg/kg dry	1.15		105			1	20
Matrix Spike (7060101-MS1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	184		mg/kg dry	1.48	123	44.1	114	75-125		
Selenium	106		mg/kg dry	1.48	123	BRL	86	75-125		
Cadmium	132		mg/kg dry	0.494	123	2.96	105	75-125		
Chromium	562	QM4X	mg/kg dry	0.988	123	274	234	75-125		
Silver	87.7	QM8	mg/kg dry	1.48	123	1.75	70	75-125		
Arsenic	108		mg/kg dry	1.48	123	3.94	85	75-125		
Barium	189		mg/kg dry	0.988	123	49.2	114	75-125		
Matrix Spike Dup (7060101-MSD1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Selenium	114		mg/kg dry	1.53	127	BRL	90	75-125	7	35
Lead	177		mg/kg dry	1.53	127	44.1	105	75-125	4	35
Cadmium	140		mg/kg dry	0.509	127	2.96	108	75-125	6	35
Silver	76.1	QM8	mg/kg dry	1.53	127	1.75	59	75-125	14	35
Chromium	461	QM4X	mg/kg dry	1.02	127	274	147	75-125	20	35
Arsenic	115		mg/kg dry	1.53	127	3.94	87	75-125	6	35

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 7060101 - SW846 3050B										
Matrix Spike Dup (7060101-MSD1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Barium	161		mg/kg dry	1.02	127	49.2	88	75-125	16	35
Post Spike (7060101-PS1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Selenium	107		mg/kg dry	1.46	122	BRL	88	80-120		
Lead	191		mg/kg dry	1.46	122	44.1	120	80-120		
Cadmium	134		mg/kg dry	0.487	122	2.96	107	80-120		
Arsenic	110		mg/kg dry	1.46	122	3.94	87	80-120		
Chromium	669	QM4X	mg/kg dry	0.973	122	274	324	80-120		
Silver	117		mg/kg dry	1.46	122	1.75	94	80-120		
Barium	159		mg/kg dry	0.973	122	49.2	90	80-120		
Reference (7060101-SRM1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Selenium	68.5		mg/kg wet	1.50	69.2		99	77.5-122.5		
Lead	54.8		mg/kg wet	1.50	60.2		91	78.4-120.8		
Cadmium	46.0		mg/kg wet	0.500	47.8		96	80.1-119.6		
Silver	45.5		mg/kg wet	1.50	48.5		94	66.3-133.3		
Arsenic	70.2		mg/kg wet	1.50	75.7		93	76.8-123.2		
Chromium	56.0		mg/kg wet	1.00	60.2		93	80.5-119.2		
Barium	134		mg/kg wet	1.00	136		99	82-118		
Reference (7060101-SRM2)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	58.6		mg/kg wet	1.50	60.1		98	78.4-120.8		
Selenium	71.0		mg/kg wet	1.50	69.1		103	77.5-122.5		
Cadmium	48.9		mg/kg wet	0.500	47.7		103	80.1-119.6		
Silver	47.7		mg/kg wet	1.50	48.5		98	66.3-133.3		
Chromium	60.7		mg/kg wet	1.00	60.1		101	80.5-119.2		
Arsenic	75.1		mg/kg wet	1.50	75.7		99	76.8-123.2		
Barium	143		mg/kg wet	1.00	136		105	82-118		
Batch 7060102 - EPA200/SW7000 Series										
Blank (7060102-BLK1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	BRL		mg/kg wet	0.0299						
Duplicate (7060102-DUP1) **Source: SA62767-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.635		mg/kg dry	0.0360		0.524			19	20
Matrix Spike (7060102-MS1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.519		mg/kg dry	0.0305	0.424	0.0657	107	75-125		
Matrix Spike Dup (7060102-MSD1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.507		mg/kg dry	0.0305	0.423	0.0657	104	75-125	2	35
Post Spike (7060102-PS1) **Source: SA62773-09**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.557		mg/kg dry	0.0307	0.426	0.0657	115	85-115		
Reference (7060102-SRM1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										

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 7060102 - EPA200/SW7000 Series										
Reference (7060102-SRM1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	1.97	QC3	mg/kg wet	0.0300	1.45		136	66-132.6		

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 7060099 - EPA200/SW7000 Series										
Blank (7060099-BLK1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7060099-BS1)										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00226		mg/l	0.00020	0.00250		90	85-115		
Duplicate (7060099-DUP1) **Source: SA62767-13**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00008	J	mg/l	0.00020		BRL				20
Matrix Spike (7060099-MS1) **Source: SA62837-09**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00229		mg/l	0.00020	0.00250	BRL	92	75-125		
Matrix Spike Dup (7060099-MSD1) **Source: SA62837-09**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00231		mg/l	0.00020	0.00250	BRL	92	75-125	0.9	20
Post Spike (7060099-PS1) **Source: SA62837-09**										
Prepared: 01-Jun-07 Analyzed: 04-Jun-07										
Mercury	0.00232		mg/l	0.00020	0.00250	BRL	93	85-115		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060208 - SW846 3010A										
Blank (7060208-BLK1)										
Prepared & Analyzed: 04-Jun-07										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Arsenic	BRL		mg/l	0.0080						
Barium	BRL		mg/l	0.0100						
LCS (7060208-BS1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	2.48		mg/l	0.0150	2.50		99	75.8-108		
Selenium	2.37		mg/l	0.0300	2.50		95	75.1-104		
Silver	2.47		mg/l	0.0100	2.50		99	47.9-114		
Chromium	2.56		mg/l	0.0100	2.50		102	81.1-107		
Arsenic	2.34		mg/l	0.0080	2.50		94	75.7-104		
Cadmium	2.56		mg/l	0.0050	2.50		102	81.3-109		
Barium	2.43		mg/l	0.0100	2.50		97	85.1-119		
LCS Dup (7060208-BSD1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	2.46		mg/l	0.0150	2.50		98	75.8-108	0.8	20
Selenium	2.33		mg/l	0.0300	2.50		93	75.1-104	2	20
Chromium	2.54		mg/l	0.0100	2.50		102	81.1-107	0.8	20
Arsenic	2.32		mg/l	0.0080	2.50		93	75.7-104	0.9	20
Silver	2.45		mg/l	0.0100	2.50		98	47.9-114	0.8	20
Cadmium	2.54		mg/l	0.0050	2.50		102	81.3-109	0.8	20
Barium	2.39		mg/l	0.0100	2.50		96	85.1-119	2	20
Duplicate (7060208-DUP1) **Source: SA62767-12**										
Prepared & Analyzed: 04-Jun-07										
Selenium	BRL		mg/l	0.0300		BRL				20
Lead	0.613	QR6	mg/l	0.0150		1.07			54	20
Cadmium	0.0003	J,QR4	mg/l	0.0050		0.0004			29	20
Chromium	0.0099	J,QR4	mg/l	0.0100		0.0143			36	20
Silver	BRL		mg/l	0.0100		BRL				20
Arsenic	0.0261	QR1	mg/l	0.0080		0.0340			26	20
Barium	0.0559	QR1	mg/l	0.0100		0.0780			33	20
Matrix Spike (7060208-MS1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Selenium	2.38		mg/l	0.0300	2.50	BRL	95	78.1-102		
Lead	3.12		mg/l	0.0150	2.50	0.701	97	72.5-110		
Arsenic	2.38		mg/l	0.0080	2.50	0.0275	94	85.4-98.8		
Cadmium	2.55		mg/l	0.0050	2.50	0.0005	102	81.2-109		
Silver	2.49		mg/l	0.0100	2.50	BRL	100	62.7-106		
Chromium	2.57		mg/l	0.0100	2.50	0.0118	102	81.5-106		
Barium	2.53		mg/l	0.0100	2.50	0.0868	98	88.9-114		
Matrix Spike Dup (7060208-MSD1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Lead	3.08		mg/l	0.0150	2.50	0.701	95	72.5-110	1	35
Selenium	2.35		mg/l	0.0300	2.50	BRL	94	78.1-102	1	35
Chromium	2.53		mg/l	0.0100	2.50	0.0118	101	81.5-106	2	35
Silver	2.49		mg/l	0.0100	2.50	BRL	100	62.7-106	0	35

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 7060208 - SW846 3010A										
Matrix Spike Dup (7060208-MSD1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Cadmium	2.52		mg/l	0.0050	2.50	0.0005	101	81.2-109	1	35
Arsenic	2.34		mg/l	0.0080	2.50	0.0275	92	85.4-98.8	2	35
Barium	2.50		mg/l	0.0100	2.50	0.0868	97	88.9-114	1	35
Batch 7060209 - EPA200/SW7000 Series										
Blank (7060209-BLK1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7060209-BS1)										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00238		mg/l	0.00020	0.00250		95	66.6-117		
Duplicate (7060209-DUP1) **Source: SA62767-12**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00043	QR4	mg/l	0.00020		0.00064			39	20
Matrix Spike (7060209-MS1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00300		mg/l	0.00020	0.00250	0.00054	98	76.1-111		
Matrix Spike Dup (7060209-MSD1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00293		mg/l	0.00020	0.00250	0.00054	96	76.1-111	2	35
Post Spike (7060209-PS1) **Source: SA62769-02**										
Prepared: 04-Jun-07 Analyzed: 05-Jun-07										
Mercury	0.00307		mg/l	0.00020	0.00250	0.00054	101	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7060191 - General Preparation										
Duplicate (7060191-DUP1) **Source: SA62767-01**										
Prepared & Analyzed: 04-Jun-07										
% Solids	73.8		%			68.2			8	20

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

* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM4X	The spike recovery was outside of QC acceptance limits for the MS, MSD and/or PS due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Christopher Hall

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

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:
Project Location: NHRY - Component Change Out Facility, CT	NHRY - Component Change Out Facility, CT/ 301-88
This Form Provides certifications for the following data set: SA62769-01 SA62769-02 SA62769-03	List Specific Analytical Methods Used: +CT ETPH EPA 245.1/7470A SM2540 G Mod. SW 846 8260B SW846 1312 SW846 1312/6010B SW846 1312/7470A SW846 6010B SW846 7471A SW846 8081A SW846 8082 SW846 8260B SW846 8270C SW846 8270C/EPA 625 : VOC
Sample Matrices: Aqueous Soil/Sediment	

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

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

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

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

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

Date: 6/6/2007

(5) 9.6 /

SA602769 mg

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: D. Steele - MGT

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 301-88
Site Name: NHHY Component Change-Out
Location: New Haven State: CT
Sampler(s): C. Knight / C. Criscuolo

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs - 8260	CT ETPH	Base Neutrals / Acid Extractables 8270	Pesticides 8081A	PCBs - 8082	RCRA 8 Total Metals	SPLP RCRA 8 Metals	QA Reporting Notes: (check if needed)
SA 602769-01	CCO-11 4-8'	5/25/07		C	SO		3	1			X	X	X	X	X	X	X	
-02	CCO-13 2-4'	↓		C	SO			1									X	
-03	CCO-13 GW	↓		G	GW		↓	4		1	↓	↓	↓	↓	↓	↓		

☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report

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

State specific reporting standards: CTDEP GB INC PADEP

☐ Fax results when available to (_____) _____
☒ E-mail to ckcologicalenvironmental.com
EDD Format PDF
Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 16.1 (Cooler)

Relinquished by:	Received by:	Date:	Time:
		5.25.07	1050
		5/29/07	17:08