TASK 210:
SUBSURFACE SITE INVESTIGATION

New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

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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 Independent Wheel True Facility project in New Haven, Connecticut. The project will involve the construction of an approximate four-hundred and twenty (420) foot long, Independent Wheel True (IWT) facility building, and site utility improvements. 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 Independent Wheel True 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 Independent Wheel True (IWT) Facility. The proposed IWT building will consist of an approximate four-hundred and twenty (420) foot long building that will house a tandem wheel true machine capable of servicing the new fleet of M-8 rail vehicles.

FIGURE 1 - Site Location Plan

New Haven Rail Yard Independent Wheel True Facility

New Haven, Connecticut

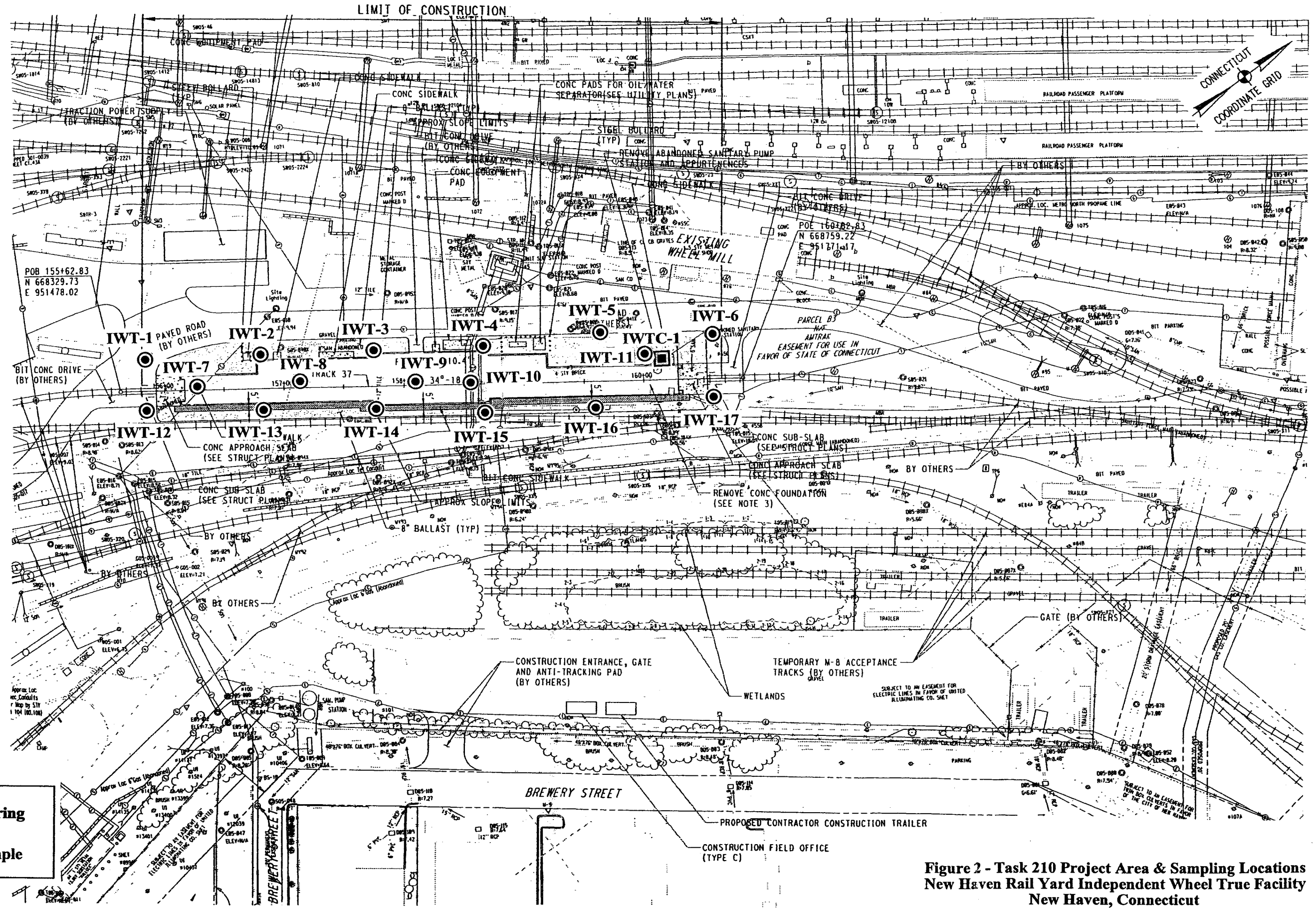
The proposed IWT Facility will be located in the area of the abandoned Amtrak Power Plant that is slated for demolition. The IWT Facility will be constructed between the existing EMU Shop (to the north) and the Car and Diesel Shop (to the south) in the southeastern portion of the Rail Yard, on land owned by the State of Connecticut Department of Transportation and Amtrak. The site area is depicted in Figure 2 -Task 210 Project Area & Sampling Locations.

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 5.5 to 7 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.



LEGEND

- ◉ IWT = Geoprobe Boring
- ▣ IWTC = Concrete Sample

Figure 2 - Task 210 Project Area & Sampling Locations
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

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 Independent Wheel True Facility project. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On January 17 and 23, 2007, seventeen (17) Geoprobe® soil borings (IWT-1 to IWT-17) were advanced in areas of anticipated construction activities for the Independent Wheel True 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 Figure 2 - 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 December 2006 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Concrete Sample Collection & Analyses

One concrete sample was collected from the abandoned sanitary sewer pump station located along the eastern side of the Amtrak Power Plant building. The concrete sample was collected using a rotary hammer drill capable of pulverizing the concrete into powder form. The sample was collected from the surface of the concrete to approximately six-inches (0.5 feet) deep into the concrete. The location of the concrete sample point (IWTC-1) is depicted on Figure 2 – Task 210 Project Area & Sampling Locations.

The concrete sample was placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The concrete sample was analyzed for petroleum hydrocarbons (TPH) utilizing the Connecticut ETPH Method, SVOCs utilizing EPA Method 8270; PCBs utilizing EPA Method 8082; total RCRA 8 metals, and SPLP RCRA 8 metals. All sampling equipment was decontaminated in accordance with Maguire Group Inc.'s Standard Operating Procedures.

4.3 Groundwater Grab Sample Collection & Analyses

Groundwater grab samples were collected from borings IWT-8 and IWT-17. 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.

4.4 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 trip blank samples (TB-1 and TB-2) were prepared by Spectrum Analytical Laboratory and one field blank sample (FB-1) was collected in the field on the first day of sampling.

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, and 5.4 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 B. 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 52.5 parts per million (ppm) to 4,140 ppm. The following eleven (11) soil samples contained TPH at concentrations that exceed the CTDEP Residential DEC of 500 ppm: IWT-1, 2' to 4' (777 ppm); IWT-2, 2' to 4' (819 ppm); IWT-3, 4' to 6' (1,270 ppm); IWT-4, 2' to 4' (613 ppm); IWT-5, 4' to 6' (1,820 ppm); IWT-6, 2' to 4' (996 ppm), IWT-8, 4' to 6' (2,140 ppm); IWT-9, 2' to 4' (684 ppm); IWT-10, 2' to 4' (575 ppm); IWT-12, 2' to 4' (801 ppm); and IWT-14, 2' to 4' (4,140 ppm). The petroleum hydrocarbon concentration detected in the IWT-14, 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, 1,2-dichlorobenzene, 1,4-dichlorobenzene, naphthalene, tetrachloroethene, toluene, trichloroethene, 1,2,4-trichloroethene, and total xylenes were detected at low concentrations in the soil samples collected from borings IWT-2, IWT-4, IWT-5, IWT-10, and IWT-15. However, the VOC concentrations detected do not exceed any applicable CTDEP RSR criteria.

Various concentrations of SVOCs were detected in the soil samples, and total SVOC concentrations ranged from BRL to 71.97 ppm. Eight (8) soil samples contained concentrations of SVOCs that exceed applicable CTDEP RSR Criteria. The 2 to 4 foot soil sample from boring IWT-1 contained the compounds benzo(a)anthracene (3.62 ppm), benzo(a)pyrene (3.63 ppm), benzo(b)fluoranthene (3.64 ppm), benzo(k)fluoranthene (2.97 ppm), and chrysene (3.94 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 soil sample from boring IWT-2 contained the compounds benzo(a)anthracene (1.91 ppm), benzo(a)pyrene (1.99 ppm), benzo(b)fluoranthene (1.89 ppm), benzo(k)fluoranthene (1.66 ppm), and chrysene (2.12 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 soil sample from boring IWT-6 contained the compounds benzo(a)anthracene (1.62 ppm), benzo(a)pyrene (1.73 ppm), benzo(k)fluoranthene (1.5 ppm), and chrysene (1.63 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene and benzo(a)pyrene were also detected at concentrations that exceed their respective Residential DEC. In addition, the compound benzo(a)pyrene was detected at a concentration that exceeds its Commercial/Industrial DEC.

The 2 to 4 foot soil sample from boring IWT-9 contained the compounds benzo(a)anthracene (4.44 ppm), benzo(a)pyrene (4.7 ppm), benzo(b)fluoranthene (4.66 ppm), benzo(k)fluoranthene (3.0 ppm), chrysene (5.15 ppm), and indeno(1,2,3-cd)pyrene (1.24 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.

The 2 to 4 foot soil sample from boring IWT-12 contained the compounds benzo(a)anthracene (7.87 ppm), benzo(a)pyrene (6.0 ppm), benzo(b)fluoranthene (5.38 ppm), benzo(k)fluoranthene (4.25 ppm), chrysene (8.21 ppm), and indeno(1,2,3-cd)pyrene (1.51 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.

The 2 to 4 foot soil sample from boring IWT-14 contained the compounds benzo(a)anthracene (1.7 ppm), benzo(b)fluoranthene (1.39 ppm), and chrysene (2.5 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene 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 soil sample from boring IWT-16 contained the compounds benzo(a)anthracene (1.66 ppm), benzo(b)fluoranthene (1.56 ppm), and chrysene (1.58 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)anthracene 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 soil sample from boring IWT-17 contained the compounds benzo(a)anthracene (3.17 ppm), benzo(a)pyrene (2.28 ppm), benzo(b)fluoranthene (3.6 ppm), benzo(k)fluoranthene (2.22 ppm), and chrysene (3.68 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 pesticide 4,4-DDT was detected at varying low concentrations ranging from 0.00721 ppm to 0.0196 ppm in the IWT-15, IWT-16, and IWT-17 soil samples. However, none of the pesticide concentrations detected exceed any applicable CTDEP RSR criteria.

PCBs (PCB-1260) were detected at low concentrations ranging from 0.0122 ppm to 0.297 ppm in the soil samples collected from borings IWT-9, IWT-11, IWT-12, IWT-15, IWT-16, and IWT-17. 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, mercury, and selenium were detected at varying concentrations in the soil samples throughout the site. The following five (5) soil samples contained total arsenic at concentrations that exceed the CTDEP Residential and Commercial/Industrial DEC of 10 ppm: IWT-3, 4' to 6' (14.5 ppm); IWT-5, 4' to 6' (23.6 ppm); IWT-10, 2' to 4' (25.0 ppm); IWT-13, 2' to 4' (15.7 ppm), and IWT-17, 2' to 4' sample (27.6 ppm). No other sample contained total metals at concentrations that exceed any applicable CTDEP RSR criteria.

Leachable concentrations (via SPLP) of barium, chromium, lead, mercury, and selenium were detected at varying concentrations in the soil samples. However, the concentrations of leachable metals detected in the soil samples do not exceed any applicable CTDEP RSR criteria.

5.3 Results of Concrete Sample Analyses

The concrete sample collected during this Task 210 investigation was sent to Spectrum Analytical Laboratory for laboratory analyses. A summary of the laboratory results from the concrete sample is presented in Table 2, which is located at the end of this report, and copies of the concrete sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the concrete sample. For the purpose of comparison, the results of the concrete sample analyses were compared to the CTDEP RSR soil criteria.

Petroleum hydrocarbons, VOCs, SVOCs, pesticides, and PCBs were not detected in the concrete sample. Total and leachable concentrations of the metals barium, cadmium, chromium, lead, and selenium were detected at varying concentrations in the concrete sample. However, the concrete sample did not contain total or leachable metals at concentrations that exceed any CTDEP RSR criteria.

5.4 Results of Groundwater Grab Sample Analyses

The two (2) groundwater grab samples (IWT-8 GW and IWT-17 GW) collected from the site during the advancement of the Geoprobe® borings were sent to Spectrum Analytical Laboratory for laboratory analyses. A summary of the laboratory results from the groundwater grab samples is presented in Table 3, which is located at the end of this report, and copies of the groundwater analytical results are included in Appendix D. The following summarizes the results of the groundwater grab sample analyses.

None of the groundwater samples contained detectable concentrations of SVOCs, pesticides, or PCBs. Petroleum hydrocarbons were detected in the IWT-8 GW (5.4 ppm) and IWT-17 GW (1.6 ppm) groundwater samples, at concentrations that do not exceed any applicable CTDEP RSR criteria.

The IWT-8 GW sample contained the VOCs benzene (1.3 parts per billion [ppb]), cis-1,2-dichloroethene (8.6 ppb), and vinyl chloride (5.2 ppb). The concentration of vinyl chloride detected in the sample exceeds its Residential and Commercial/Industrial VC of 2 ppb. No other VOCs were detected at concentrations that exceed any applicable CTDEP RSR criteria.

The groundwater samples contained total barium, chromium, lead, and mercury at varying concentrations. Total lead was detected at elevated concentrations that exceed its SWPC of 0.013 ppm in the IWT-8 GW (0.0183 ppm) and IWT-17 GW (0.0814 ppm) groundwater samples. No other metals were detected at concentrations that exceed any applicable CTDEP RSR criteria.

5.5 Quality Assurance/Quality Control Samples

The field blank sample (FB-1) did not contain detectable concentrations of contaminants. In addition, the trip blank samples (TB-1 and TB-2) 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 E.

6.0 DISCUSSION OF AFFECTED RESOURCES

6.1 Soil Area of Environmental Concern

Based upon the results of laboratory analyses performed on samples collected as part of this Task 210 - Subsurface Site Investigation, soil throughout nearly the entire project area is contaminated with petroleum hydrocarbons, SVOCs, and total arsenic at concentrations that exceed the Residential and Commercial/Industrial DEC and GB PMC. The contaminated soil is present at depths ranging from 2 to 6 feet below the ground surface in the soil samples collected from borings IWT-1 to IWT-6, IWT-8 to IWT-10, IWT-12 to IWT-14, IWT-16, and IWT-17. Due to the widespread presence of contamination detected in the proposed construction area, and previous experience in the New Haven Rail Yard which indicates the potential for significant changes in contamination levels over short distances, the entire project area has been designated an Area of Environmental Concern (AOEC) for soil.

6. 2 Groundwater Area of Environmental Concern

Analytical results from the groundwater samples collected from borings IWT-8 and IWT-17 indicate the presence of VOCs (vinyl chloride) and total lead at concentrations that exceed the Residential VC, Commercial/Industrial VC, and SWPC. In addition, both groundwater samples contained elevated concentrations of petroleum hydrocarbons at concentrations that do 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 Independent Wheel True Facility project in New Haven, Connecticut indicate the presence of petroleum hydrocarbon, SVOC, and total arsenic contamination in shallow soil samples collected from the project area, at concentrations that exceed the applicable RSR criteria. Also, low concentrations of VOCs, pesticides, and PCBs were detected in shallow soil samples collected from the project area. The contamination was detected in soils ranging in depth from 2 to 6 feet below grade. In addition, groundwater collected from the site is also contaminated with VOCs and total lead at concentrations that exceed applicable RSR criteria. The contaminated groundwater may potentially impact the proposed building with regards to potential contaminant vapor migration into the structure. In addition, concentrations of petroleum hydrocarbons were detected in groundwater samples collected from within the project area, which may impact discharge permit requirements. The entire project area has been designated as an Area of Environmental Concern (AOEC) for soil, as well as a Groundwater Area of Environmental Concern (GWAOEC). Special considerations for treatment/disposal, dewatering activities, and worker health and safety must be given to the project area in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are recommended for all areas of construction within the New Haven Rail Yard Independent Wheel True Facility project area.

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 exploratory 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 Independent Wheel True Facility
New Haven, Connecticut

Boring I.D.:	IWT-1	IWT-2	IWT-3	IWT-4	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	4'-6'	2'-4'		
CT ETPH - (ppm)	***777***	***819***	***1,270***	***613***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Naphthalene	BRL	0.0083	BRL	0.0883	56 ppm	1,000/2,500 ppm
Tetrachloroethene	BRL	BRL	BRL	0.0852	1 ppm	12/110 ppm
SVOCs - Method 8270 (ppm)						
Anthracene	3.1	1.51	BRL	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***3.62***	***1.91***	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	***3.63***	***1.99***	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***3.64***	***1.89***	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(k)fluoranthene	***2.97***	***1.66***	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***3.94***	***2.12***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	7.52	3.92	BRL	1.61	56 ppm	1,000/2,500 ppm
Phenanthrene	6.83	2.93	BRL	BRL	40 ppm	1,000/2,500 ppm
Pyrene	9.5	4.55	BRL	1.69	40 ppm	1,000/2,500 ppm
Total SVOCs	44.75	22.48	BRL	3.3		
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	BRL	2.01	***14.5***	7.1		**10/10 ppm**
Barium	42.4	46.6	27.9	42.7		4,700/140,000 ppm
Cadmium	0.384	0.397	0.386	0.776		34/1,000 ppm
Chromium	10.9	10.4	5.68	13.1		100/100 ppm
Lead	39.7	56.7	83.4	112		500/1,000 ppm
Mercury	0.184	0.188	0.209	0.223		20/610 ppm
Selenium	BRL	BRL	BRL	1.76		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0074	0.008	0.006	0.0076	10.0 ppm	
Chromium	0.0066	0.0052	BRL	BRL	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 1(b) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

Boring I.D.:	IWT-5	IWT-6	IWT-7	IWT-8	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	4'-6'	2'-4'	4'-8'	4'-6'		
CT ETPH - (ppm)	***1,820***	***996***	74.0	***2,140***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Tetrachloroethene	0.676	BRL	BRL	BRL	1 ppm	12/110 ppm
Toluene	0.151	BRL	BRL	BRL	67 ppm	500/1,000 ppm
Trichloroethene	0.194	BRL	BRL	BRL	1 ppm	56/520 ppm
Xylenes (total)	0.0789	BRL	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	***1.62***	BRL	BRL	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	BRL	***1.73***	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(k)fluoranthene	BRL	***1.5***	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	***1.63***	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	3.31	BRL	BRL	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	1.57	BRL	BRL	40 ppm	1,000/2,500 ppm
Pyrene	BRL	3.98	BRL	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	15.34	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	***23.6***	2.9	BRL	3.09		**10/10 ppm**
Barium	123	44.9	14.5	16.4		4,700/140,000 ppm
Cadmium	0.7	0.412	BRL	BRL		34/1,000 ppm
Chromium	8.31	11.9	5.05	5.61		100/100 ppm
Lead	117	317	5.88	6.74		500/1,000 ppm
Mercury	1.35	0.06	BRL	0.0353		20/610 ppm
Selenium	2.21	BRL	BRL	BRL		340/10,000ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0147	0.0058	0.0074	0.01	10.0 ppm	
Chromium	BRL	0.0056	BRL	BRL	0.5 ppm	
Lead	0.0136	BRL	BRL	0.0209	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 Independent Wheel True Facility
New Haven, Connecticut

Boring I.D.:	IWT-9	IWT-10	IWT-11	IWT-12	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	***684***	***575***	52.5	***801***	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Benzene	BRL	0.102	BRL	BRL	0.2 ppm	21/200 ppm
Naphthalene	BRL	0.098	BRL	BRL	56 ppm	1,000/2,500 ppm
Tetrachloroethene	BRL	0.51	BRL	BRL	1 ppm	12/110 ppm
Toluene	BRL	0.264	BRL	BRL	67 ppm	500/1,000 ppm
Trichloroethene	BRL	0.142	BRL	BRL	1 ppm	56/520 ppm
1,2,4-Trimethylbenzene	BRL	0.0836	BRL	BRL	70 ppm	500/1,000 ppm
Xylenes (total)	BRL	0.322	BRL	BRL	19.5 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Acenaphthylene	1.4	BRL	BRL	2.61	84 ppm	1,000/2,500 ppm
Anthracene	1.21	BRL	BRL	1.83	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***4.44***	BRL	0.414	***7.87***	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	***4.7***	BRL	0.436	***6.0***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***4.66***	BRL	0.49	***5.38***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	***3.0***	BRL	0.37	***4.25***	**1 ppm**	8.4/78 ppm
Benzo(g,h,i)perylene	1.5	BRL	BRL	1.9	42 ppm	1,000/2,500 ppm
Chrysene	***5.15***	BRL	0.31	***8.21***	**1 ppm**	84/780 ppm
Fluoranthene	6.01	BRL	0.475	10.3	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	***1.24***	BRL	BRL	***1.51***	**1 ppm**	**1**/7.8 ppm
Phenanthrene	0.79	BRL	BRL	1.01	40 ppm	1,000/2,500 ppm
Pyrene	10.6	BRL	0.502	21.1	40 ppm	1,000/2,500 ppm
Total SVOCs	44.7	BRL	2.997	71.97		
Pesticides - Method 8081 (ppm)	BRL	BRL	BRL	BRL		
PCBs – Method 8082 (ppm)					Not Applicable	
PCB-1260	0.0122	BRL	0.0627	0.0339		1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	4.08	***25.0***	7.94	2.57		**10/10 ppm**
Barium	44.1	140	57.2	38.4		4,700/140,000 ppm
Cadmium	0.57	0.619	1.42	0.382		34/1,000 ppm
Chromium	10.1	10.0	20.9	12.7		100/100 ppm
Lead	125	128	395	84.3		500/1,000 ppm
Mercury	0.386	1.2	7.64	0.544		20/610 ppm
Selenium	BRL	2.73	2.65	BRL		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0078	0.0208	0.0152	0.0094	10.0 ppm	
Lead	0.0093	0.0097	0.0278	0.008	0.15 ppm	
Mercury	BRL	0.00044	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(d) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

Boring I.D.:	IWT-13	IWT-14	IWT-15	IWT-16	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	2'-4'	2'-4'		
CT ETPH - (ppm)	77.6	***4,140***	426	318	**2,500 ppm**	**500/2,500 ppm**
VOCs - Method 8260 (ppm)						
Acetone	BRL	BRL	0.39	BRL	140 ppm	500/1,000 ppm
1,2-Dichlorobenzene	BRL	BRL	0.0139	BRL	3.1 ppm	500/1,000 ppm
1,4-Dichlorobenzene	BRL	BRL	0.0068	BRL	15 ppm	26/240 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	0.499	***1.7***	BRL	***1.66***	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	0.579	BRL	BRL	BRL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.584	***1.39***	BRL	***1.56***	**1 ppm**	**1**/7.8 ppm
Benzo(k)fluoranthene	0.475	BRL	BRL	BRL	1 ppm	8.4/78 ppm
Chrysene	0.433	***2.5***	BRL	***1.58***	**1 ppm**	84/780 ppm
Fluoranthene	0.576	1.78	0.377	3.27	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	BRL	1.75	40 ppm	1,000/2,500 ppm
Pyrene	0.663	5.75	0.529	3.65	40 ppm	1,000/2,500 ppm
Total SVOCs	3.809	13.12	0.906	13.47		
Pesticides - Method 8081 (ppm)						
4,4-DDT	BRL	BRL	0.00945	0.00721	None Established	1.8/17 ppm
PCBs – Method 8082 (ppm)						
PCB-1260	BRL	BRL	0.297	0.041	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	***15.7***	1.63	8.8	8.76		**10/10 ppm**
Barium	63.6	61.4	117	46.6		4,700/140,000 ppm
Cadmium	0.496	0.445	1.26	0.783		34/1,000 ppm
Chromium	6.67	11.5	33.7	17.1		100/100 ppm
Lead	242	73.1	300	146		500/1,000 ppm
Mercury	0.833	0.171	0.216	0.476		20/610 ppm
Selenium	3.19	1.68	3.77	1.9		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.007	0.0079	0.0836	0.016	10.0 ppm	
Chromium	0.0098	BRL	BRL	BRL	0.5 ppm	
Lead	BRL	BRL	0.0122	0.0218	0.15 ppm	
Selenium	0.0177	BRL	0.0168	BRL	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 1(e) - Results of Geoprobe® Boring Soil Sample Analyses
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

Boring I.D.: Sample Depth:	IWT-17 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	292	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL		
SVOCs - Method 8270 (ppm)			
Anthracene	0.759	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***3.17***	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	***2.28***	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***3.6***	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	0.983	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	***2.22***	**1 ppm**	8.4/78 ppm
Chrysene	***3.68***	**1 ppm**	84/780 ppm
Fluoranthene	3.8	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.981	1 ppm	1/7.8 ppm
Phenanthrene	0.986	40 ppm	1,000/2,500 ppm
Pyrene	5.5	40 ppm	1,000/2,500 ppm
Total SVOCs	27.959		
Pesticides - Method 8081 (ppm)			
4,4-DDT	0.0196	None Established	1.8/17 ppm
PCBs – Method 8082 (ppm)			
PCB-1260	0.0428	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm		Not Applicable	
Arsenic	***27.6***		**10/10 ppm**
Barium	81.3		4,700/140,000 ppm
Cadmium	1.42		34/1,000 ppm
Chromium	14.6		100/100 ppm
Lead	483		500/1,000 ppm
Mercury	0.477		20/610 ppm
Selenium	4.83		340/10,000 ppm
SPLP RCRA 8 Metals - ppm			Not Applicable
Barium	0.019	10.0 ppm	
Lead	0.0227	0.15 ppm	
Selenium	0.0173	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 2 - Results of Concrete Sample Analyses
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

Sample I.D.:	IWTC-1	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		1/10 ppm
Total RCRA 8 Metals – ppm			
Barium	52.9		4,700/140,000 ppm
Cadmium	0.432		34/1,000 ppm
Chromium	31.9		100/100 ppm
Lead	12.0		500/1,000 ppm
Selenium	2.61		340/10,000 ppm
SPLP RCRA 8 Metals – ppm			
Barium	0.0709	10 .0 ppm	
Chromium	0.017	0.5 ppm	
Lead	0.0086	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 3 - Results of Groundwater Grab Sample Analyses
New Haven Rail Yard Independent Wheel True Facility
New Haven, Connecticut

Sample I.D.	IWT-8 GW	IWT-17 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	5.4	1.6	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)				
Benzene	1.3	BRL	710 ppb	215/530 ppb
cis-1,2-Dichloroethene	8.6	BRL	None Established	None Established
Vinyl Chloride	***5.2***	BRL	15,750 ppb	**2/2 ppb**
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
Barium	0.0272	0.0624	None Established	
Chromium	0.0064	BRL	0.11 ppm	
Lead	***0.0183***	***0.0814***	**0.013 ppm**	
Mercury	BRL	0.00029	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.

APPENDIX A
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-1
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Red-Brown to Dark-Brown fine to medium SAND, some fine to coarse Gravel, little Ash, Cinders, trace Brick & Silt		0.1	Macro Core 0'-2'
2.0					
3.0				0.5	Macro Core 2'-4'
4.0					
			4.5		
5.0		Red-Brown fine to coarse SAND, trace Silt			
6.0			6.0	0.1	Macro Core 4'-8'
7.0		Gray-Brown fine to medium SAND, little Silt, trace Seashells & fine to coarse Gravel (wet at 6')			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-2
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Red-Brown to Dark-Brown fine to medium SAND, some fine to coarse Gravel, little Ash, Cinders, trace Brick & Silt		0	Macro Core 0'-2'
2.0					
3.0				1.0	Macro Core 2'-4'
4.0					
			4.5		
5.0		Red-Brown fine to coarse SAND, trace Silt			
6.0			6.0	0.2	Macro Core 4'-8'
7.0		Gray-Brown fine to medium SAND, little Silt, trace Seashells & fine to coarse Gravel (wet at 6')			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-3
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Red-Brown to Dark-Brown fine to medium SAND, some fine to coarse Gravel, little Ash, Cinders, trace Brick & Silt		0	Macro Core 0'-2'
2.0					
3.0				0.4	Macro Core 2'-4'
4.0					
			4.5		
5.0		Red-Brown fine to coarse SAND, trace Silt			
6.0			6.0	2.6	Macro Core 4'-8'
7.0		Gray-Brown fine to medium SAND, little Silt, trace Seashells & fine to coarse Gravel (wet at 6', petroleum odor)			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-4
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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, 2.0, 3.0, 4.0		Red-Brown to Dark-Brown fine to medium SAND, some fine to coarse Gravel, little Ash, Cinders, trace Brick & Silt		0.1	Macro Core 0'-2'
				1.5	Macro Core 2'-4'
5.0		Red-Brown fine to coarse SAND, trace Silt	4.5		
6.0, 7.0		Gray-Brown fine to medium SAND, little Silt, trace Seashells & fine to coarse Gravel (wet at 6', faint petroleum odor)	6.0	1.0	Macro Core 4'-8'
8.0			8.0		
9.0, 10.0, 11.0, 12.0		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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-5
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Dark-Brown fine to medium SAND, little Silt & fine to coarse Gravel	1.0	0.1	Macro Core 0'-2'
2.0		Black ASH & CINDERS, little fine to coarse Gravel, trace fine to coarse Sand & Brick			
3.0			3.5	0.4	Macro Core 2'-4'
4.0		Dark-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel, Ash & Cinders (petroleum odor)			
5.0					
6.0			6.0	1.7	Macro Core 4'-8'
7.0		Black ASH & CINDERS, little fine to medium Sand, fine to coarse Gravel, trace Silt & Seashells (wet at 6')			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-6
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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				0.1	Macro Core 0'-2'
2.0					
3.0				0.9	Macro Core 2'-4'
4.0		Black to Red-Brown fine to medium SAND & CINDERS, little fine to coarse Gravel, Brick, & Concrete, trace Silt (wet at 6')			
5.0					
6.0				0.3	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		End of Boring at 8'			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-7
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Brown fine to medium SAND, some fine to coarse Gravel, little Ash & Cinders, trace Silt		0	Macro Core 0'-2'
2.0					
3.0				0.8	Macro Core 2'-4'
4.0			4.0		
5.0		Peastone GRAVEL (wet at 5.5')			
6.0			6.0	9.0	Macro Core 4'-8'
7.0		Red-Brown fine to coarse SAND, little Silt, trace Ash & Cinders (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: 5.5'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-8
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Brown fine to medium SAND, some fine to coarse Gravel, little Ash & Cinders, trace Silt		0	Macro Core 0'-2'
2.0					
3.0				0.3	Macro Core 2'-4'
4.0			4.0		
5.0		Red-Brown fine to coarse SAND, little Silt, trace Ash & Cinders (wet at 7')			
6.0				30.7	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		End of Boring at 8' Groundwater Grab Sample Collected			
11.0					
12.0					

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

Driller: W. Lineberry
Depth to Water: 7'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-9
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Brown fine to medium SAND, some fine to coarse Gravel, little Ash & Cinders, trace Silt		0	Macro Core 0'-2'
2.0					
3.0				1.7	Macro Core 2'-4'
4.0			4.0		
5.0		Red-Brown fine to coarse SAND, little Silt, trace Ash & Cinders (wet at 7')			
6.0				1.2	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: 7'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-10
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Dark-Brown to Black fine to medium SAND, some fine to coarse Gravel, little Ash & Cinders, trace Silt		0.1	Macro Core 0'-2'
2.0					
3.0				2.4	Macro Core 2'-4'
4.0			4.0		
5.0		Black ASH & CINDERs, little Red Brown fine to coarse Sand, trace Silt (wet at 6')			
6.0				0.7	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: 6'
Boring Dia.: 2"
Rig: Manual Geoprobe
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-11
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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, 2.0		Gray fine to coarse GRAVEL mixed with Concrete, and fine to medium Sand	2.5	0.1	Macro Core 0'-2'
3.0, 4.0		Dark-Brown to Black fine to medium SAND, some fine to coarse Gravel, little Ash & Cinders, trace Silt	4.0	0.6	Macro Core 2'-4'
5.0, 6.0, 7.0, 8.0		Black ASH & CINDERs, little Red Brown fine to coarse Sand, trace Silt (wet at 6')	8.0	0.2	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		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: Manual Geoprobe
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-12
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-23-07

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		Red-Brown to Dark-Brown fine to medium SAND, some fine to coarse Gravel, little Ash, Cinders, trace Brick & Silt		0.1	Macro Core 0'-2'
2.0					
3.0				0.8	Macro Core 2'-4'
4.0					
			4.5		
5.0		Red-Brown fine to coarse SAND, trace Silt			
6.0			6.0	0.4	Macro Core 4'-8'
7.0		Gray-Brown fine to medium SAND, little Silt, trace Seashells & fine to coarse Gravel (wet at 6')			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-13
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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		Dark-Brown fine to medium SAND, little Ash, Cinders, & fine to coarse Gravel		0	Macro Core 0'-2'
2.0					
3.0				0.2	Macro Core 2'-4'
4.0			4.0		
5.0		Dark-Brown to Red-Brown fine to coarse SAND, trace Silt (wet at 7')			
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: 7'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-14
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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		Dark-Brown fine to medium SAND, little Ash, Cinders, & fine to coarse Gravel (petroleum odor)		0.1	Macro Core 0'-2'
2.0					
3.0				1.1	Macro Core 2'-4'
4.0			4.0		
5.0		Dark-Brown to Red-Brown fine to coarse SAND, trace Silt (wet at 7')			
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: 7'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-15
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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		
		Dark-Brown to Black fine to medium SAND, some Ash & Cinders, trace Brick			
1.0			1.0	0.1	Macro Core 0'-2'
		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt			
2.0					
			2.5		
3.0				1.8	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Silt, fine to coarse Sand & Seashells (wet at 6')			
6.0				0.3	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		End of Boring at 8'			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-16
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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		
		Dark-Brown to Black fine to medium SAND, some Ash & Cinders, trace Brick	1.0	0.4	Macro Core 0'-2'
1.0					
2.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt			
3.0				1.8	Macro Core 2'-4'
4.0			4.0		
		Red-Brown fine to medium SAND, little Silt, trace fine Gravel	4.5		
5.0					
6.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Silt, fine to coarse Sand & Seashells (wet at 6')		1.1	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		End of Boring at 8'			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Independent Wheel True Facility
Boring: IWT-17
Location: New Haven, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 1-17-07

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)			
1.0		Brown fine to medium SAND, little medium to coarse Gravel	1.0 1.3	0	Macro Core 0'-2'
2.0					
3.0				1.4	Macro Core 2'-4'
4.0					
5.0		Black ASH & CINDERS, little fine to coarse Gravel, trace Silt, fine to coarse Sand, Seashells & Brick (wet at 6')			
6.0				1.3	Macro Core 4'-8'
7.0					
8.0			8.0		
9.0					
10.0		End of Boring at 8' Groundwater Grab Sample Collected			
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: Geoprobe 540U
Boring Depth: 8'
Page: 1 of 1

APPENDIX B
Soil Sample
Laboratory Reports

Report Date:
01-Feb-07 15:44

☑ 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 Independent Wheel True - New Haven, CT
Project (None)

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA57314-01	IWT-1 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-02	IWT-2 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-03	IWT-3 4-6'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-04	IWT-4 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-05	IWT-5 4-6'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-06	IWT-6 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-07	IWT-7 4-8'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-08	IWT-8 4-6'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-09	IWT-9 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-10	IWT-10 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-11	IWT-12 2-4'	Soil	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-12	IWT-8 GW	Ground Water	23-Jan-07 00:00	24-Jan-07 16:00
SA57314-13	TB-2	Blank Water	23-Jan-07 00:00	24-Jan-07 16:00

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 125 pages of analytical data plus Chain of Custody document(s).
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Florida # E87600/E87936
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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

Authorized by:

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

Technical Reviewer's Initial: (N)

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Report Date:
25-Jan-07 15:54

☑ 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 Independent Wheel True - New Haven, CT
Project 31-88

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA57049-01	IWT-11 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-02	IWT-13 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-03	IWT-14 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-04	IWT-15 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-05	IWT-16 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-06	IWT-17 2'-4'	Soil	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-07	IWTC-1	Concrete	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-08	IWT-17 GW	Ground Water	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-09	FB-1	Deionized Water	17-Jan-07 00:00	18-Jan-07 14:28
SA57049-10	TB-1	Deionized Water	17-Jan-07 00:00	18-Jan-07 14:28

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 93 pages of analytical data plus Chain of Custody document(s).
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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: CN

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-11 2'-4' SA57049-01	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.7	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	BRL		µg/kg dry	134	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.8	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-1 2-4' SA57314-01	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.1	1	SW 846 8260B	30-Jan-07	30-Jan-07	7011720	RLJ
67-64-1	Acetone	BRL		µg/kg dry	121	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	12.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	60.7	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-1 2-4' SA57314-01	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	30.4	1	SW 846 8260B	30-Jan-07	30-Jan-07	7011720	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	12.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	121	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*83.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	60.0	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	60.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	60.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	60.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	60.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	60.0	1	"	"	"	"	"
	Unidentified	777		mg/kg dry	60.0	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	60.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	777		mg/kg dry	60.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	777		mg/kg dry	60.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*230*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-1 2-4' SA57314-01	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.65	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.65	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.65	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.65	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.65	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.65	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.65	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.65	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.65	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.65	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.65	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.65	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.65	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.65	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.65	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.65	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.65	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.65	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.65	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.65	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*76.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.3	1	SW846 8082	25-Jan-07	27-Jan-07	7011525	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*46.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*66.4*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1490	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1490	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1490	2	"	"	"	"	"
120-12-7	Anthracene	3,100		µg/kg dry	1490	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1490	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1490	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1490	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-1 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-01				

Semivolatile Organic Compounds by GCMS

Semivolatile Organic Compounds by SW846 8270C R05

Prepared by method SW846 3545A

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
56-55-3	Benzo (a) anthracene	3,620		µg/kg dry	1490	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
50-32-8	Benzo (a) pyrene	3,630		µg/kg dry	1490	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	3,640		µg/kg dry	1490	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1490	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,970		µg/kg dry	1490	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1490	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1490	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1490	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1490	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1490	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1490	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1490	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1490	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1490	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1490	2	"	"	"	"	"
218-01-9	Chrysene	3,940		µg/kg dry	1490	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1490	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1490	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1490	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1490	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1490	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1490	2	"	"	"	"	"
206-44-0	Fluoranthene	7,520		µg/kg dry	1490	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1490	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1490	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1490	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1490	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1490	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1490	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1490	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1490	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1490	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1490	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-1 2-4' SA57314-01	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1490	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5960	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5960	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1490	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1490	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1490	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
85-01-8	Phenanthrene	6,830		µg/kg dry	1490	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
129-00-0	Pyrene	9,500		µg/kg dry	1490	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1490	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1490	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1490	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*54.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*24.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.184		mg/kg dry	0.0332	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.08	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	42.4		mg/kg dry	0.541	1	"	"	"	"	"
7440-43-9	Cadmium	0.384		mg/kg dry	0.270	1	"	"	"	"	"
7440-47-3	Chromium	10.9		mg/kg dry	0.541	1	"	"	"	"	"
7439-92-1	Lead	39.7		mg/kg dry	0.811	1	"	"	"	"	"
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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0074		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0066		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.4		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-2 2-4' SA57314-02	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.6	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
67-64-1	Acetone	BRL		µg/kg dry	112	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	55.8	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	27.9	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	55.8	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	55.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	55.8	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-2 2-4' SA57314-02	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	8.3		µg/kg dry	5.6	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.6	1	"	"	"	"	"
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	55.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	55.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	112	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*93.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*74.0*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	59.7	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	59.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	59.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	59.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	59.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	59.7	1	"	"	"	"	"
	Unidentified	819		mg/kg dry	59.7	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	59.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	819		mg/kg dry	59.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	819		mg/kg dry	59.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*209*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-2 2-4' SA57314-02	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.73	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.73	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.73	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.73	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.73	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.73	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.73	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.73	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.73	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.73	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.73	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.73	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.73	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.73	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.73	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.73	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.73	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.73	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.73	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.73	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*83.1*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.5	1	SW846 8082	25-Jan-07	27-Jan-07	7011525	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	11.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*46.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.7*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1480	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1480	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1480	2	"	"	"	"	"
120-12-7	Anthracene	1,510		µg/kg dry	1480	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1480	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1480	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1480	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-2 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-02				

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			R05								
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	1,910		µg/kg dry	1480	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
50-32-8	Benzo (a) pyrene	1,990		µg/kg dry	1480	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,890		µg/kg dry	1480	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1480	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,660		µg/kg dry	1480	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1480	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1480	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1480	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1480	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1480	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1480	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1480	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1480	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1480	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1480	2	"	"	"	"	"
218-01-9	Chrysene	2,120		µg/kg dry	1480	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1480	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1480	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1480	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1480	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1480	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1480	2	"	"	"	"	"
206-44-0	Fluoranthene	3,920		µg/kg dry	1480	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1480	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1480	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1480	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1480	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1480	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1480	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1480	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1480	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1480	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1480	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-2 2-4' SA57314-02	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1480	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5930	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5930	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1480	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1480	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1480	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
85-01-8	Phenanthrene	2,930		µg/kg dry	1480	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
129-00-0	Pyrene	4,550		µg/kg dry	1480	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1480	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1480	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1480	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*66.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*50.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*32.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.188		mg/kg dry	0.0330	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	2.01		mg/kg dry	1.53	1	"	"	"	"	"
7440-39-3	Barium	46.6		mg/kg dry	0.509	1	"	"	"	"	"
7440-43-9	Cadmium	0.397		mg/kg dry	0.255	1	"	"	"	"	"
7440-47-3	Chromium	10.4		mg/kg dry	0.509	1	"	"	"	"	"
7439-92-1	Lead	56.7		mg/kg dry	0.764	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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0080		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0052		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.9		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-3 4-6' SA57314-03	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.5	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
67-64-1	Acetone	BRL		µg/kg dry	130	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	65.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	65.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	65.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-3 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-03				

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	65.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	130	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	52.3	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	52.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	52.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	52.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	52.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	52.3	1	"	"	"	"	"
	Unidentified	1,270		mg/kg dry	52.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	52.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,270		mg/kg dry	52.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,270		mg/kg dry	52.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*309*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-3 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-03				

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											
309-00-2	Aldrin	BRL		µg/kg dry	5.81	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.81	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.81	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.81	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.81	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.81	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.81	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.81	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.81	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.81	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.81	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.81	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.81	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.81	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.81	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.81	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.81	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.81	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.81	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.81	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*48.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*66.4*		*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	25-Jan-07	27-Jan-07	7011525	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	BRL		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)*	*50.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*87.1*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	649	1	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	649	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	649	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	649	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	649	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	649	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	649	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-3 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-03				

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			R05								
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	649	1	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	649	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	649	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	649	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	649	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	649	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	649	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	649	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	649	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	649	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	649	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	649	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	649	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	649	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	649	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	649	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	649	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	649	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	649	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	649	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	649	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	649	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	649	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	649	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	649	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	649	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	649	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	649	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	649	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	649	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	649	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	649	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	649	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	649	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	649	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	649	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	649	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	649	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-3 4-6' SA57314-03	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	649	1	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2600	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2600	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	649	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	649	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	649	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	649	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	649	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	649	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	649	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	649	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	649	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.209		mg/kg dry	0.0335	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.989	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	14.5		mg/kg dry	1.48	1	"	"	"	"	"
7440-39-3	Barium	27.9		mg/kg dry	0.494	1	"	"	"	"	"
7440-43-9	Cadmium	0.386		mg/kg dry	0.247	1	"	"	"	"	"
7440-47-3	Chromium	5.68		mg/kg dry	0.494	1	"	"	"	"	"
7439-92-1	Lead	83.4		mg/kg dry	0.741	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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0060		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.0		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-4 2-4' SA57314-04	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	62.2	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
67-64-1	Acetone	BRL		µg/kg dry	1240	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	62.2	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	62.2	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	124	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	622	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	311	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	62.2	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	124	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	62.2	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	124	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	124	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	62.2	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	124	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	622	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	622	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	622	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-4 2-4' SA57314-04	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	88.3		µg/kg dry	62.2	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
127-18-4	Tetrachloroethene	85.2		µg/kg dry	62.2	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	62.2	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	62.2	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	62.2	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	124	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	62.2	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	622	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	62.2	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	622	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1240	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.3*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	50.5	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	50.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	50.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	50.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	50.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	50.5	1	"	"	"	"	"
	Unidentified	613		mg/kg dry	50.5	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	50.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	613		mg/kg dry	50.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	613		mg/kg dry	50.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*141*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-4 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-04				

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 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	5.53	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.53	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.53	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.53	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.53	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	27.6	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.53	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.53	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.53	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.53	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.53	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.53	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.53	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.53	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.53	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.53	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.53	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.53	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	27.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.53	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.53	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.53	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*46.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*51.5*		*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	25-Jan-07	27-Jan-07	7011525	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)*	*46.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*62.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1250	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1250	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1250	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1250	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1250	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1250	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1250	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-4 2-4' SA57314-04	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1250	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1250	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1250	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1250	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1250	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1250	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1250	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1250	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1250	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1250	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1250	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1250	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1250	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1250	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1250	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1250	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1250	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1250	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1250	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1250	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1250	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1250	2	"	"	"	"	"
206-44-0	Fluoranthene	1,610		µg/kg dry	1250	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1250	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1250	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1250	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1250	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1250	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1250	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1250	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1250	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1250	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1250	2	"	"	"	"	"

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
IWT-4 2-4' SA57314-04	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1250	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5010	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5010	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1250	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1250	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1250	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1250	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
129-00-0	Pyrene	1,690		µg/kg dry	1250	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1250	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1250	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1250	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.3*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70.6*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*46.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.223		mg/kg dry	0.0324	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.952	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	7.10		mg/kg dry	1.43	1	"	"	"	"	"
7440-39-3	Barium	42.7		mg/kg dry	0.476	1	"	"	"	"	"
7440-43-9	Cadmium	0.776		mg/kg dry	0.238	1	"	"	"	"	"
7440-47-3	Chromium	13.1		mg/kg dry	0.476	1	"	"	"	"	"
7439-92-1	Lead	112		mg/kg dry	0.714	1	"	"	"	"	"
7782-49-2	Selenium	1.76		mg/kg dry	1.43	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0076		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.4		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-5 4-6' SA57314-05	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	72.4	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
67-64-1	Acetone	BRL		µg/kg dry	1450	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	72.4	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	72.4	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	145	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	724	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	362	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	72.4	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	145	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	72.4	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	145	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	145	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	72.4	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	145	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	724	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	72.4	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	724	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	724	50	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-5 4-6' SA57314-05	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	72.4	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
127-18-4	Tetrachloroethene	676		µg/kg dry	72.4	50	"	"	"	"	"
108-88-3	Toluene	151		µg/kg dry	72.4	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
79-01-6	Trichloroethene	194		µg/kg dry	72.4	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	72.4	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	72.4	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	72.4	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	145	50	"	"	"	"	"
95-47-6	o-Xylene	78.9		µg/kg dry	72.4	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	724	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	72.4	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	72.4	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	72.4	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	72.4	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	724	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1450	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.3*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	60.5	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	60.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	60.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	60.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	60.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	60.5	1	"	"	"	"	"
	Unidentified	1,820		mg/kg dry	60.5	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	60.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1,820		mg/kg dry	60.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,820		mg/kg dry	60.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*204*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-5 4-6' SA57314-05	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	6.03	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.03	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.03	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.03	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.03	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.03	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.03	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.03	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.03	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.03	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.03	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.03	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.03	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.03	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.03	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.03	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.03	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.03	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.03	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.03	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*41.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*57.1*		*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	25-Jan-07	27-Jan-07	7011525	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	BRL		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)*	*44.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60.2*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	1500	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1500	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1500	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1500	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1500	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1500	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1500	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-5 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-05				

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			R05								
Prepared by method SW846 3545A											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1500	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1500	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1500	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1500	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1500	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1500	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1500	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1500	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1500	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	1500	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1500	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1500	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1500	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1500	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	1500	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1500	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1500	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1500	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1500	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1500	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1500	2	"	"	"	"	"

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
IWT-5 4-6' SA57314-05	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3545A											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1500	2	SW846 8270C	24-Jan-07	26-Jan-07	7011428	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	6000	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	6000	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1500	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	1500	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1500	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*45.9*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.35		mg/kg dry	0.0355	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.11	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	23.6		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	123		mg/kg dry	0.556	1	"	"	"	"	"
7440-43-9	Cadmium	0.700		mg/kg dry	0.278	1	"	"	"	"	"
7440-47-3	Chromium	8.31		mg/kg dry	0.556	1	"	"	"	"	"
7439-92-1	Lead	117		mg/kg dry	0.834	1	"	"	"	"	"
7782-49-2	Selenium	2.21		mg/kg dry	1.67	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0147		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	0.0136		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.4		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-6 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-06				

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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.5	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
67-64-1	Acetone	BRL		µg/kg dry	111	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		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	55.4	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	55.4	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	55.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	55.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-6 2-4' SA57314-06	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.5	1	SW 846 8260B	31-Jan-07	31-Jan-07	7011823	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
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	BRL		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	BRL		µg/kg dry	5.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	55.4	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	55.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	111	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*89.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	121	2	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	121	2	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	121	2	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	121	2	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	121	2	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	121	2	"	"	"	"	"
	Unidentified	996		mg/kg dry	121	2	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	121	2	"	"	"	"	"
	Total Petroleum Hydrocarbons	996		mg/kg dry	121	2	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	996		mg/kg dry	121	2	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*136*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-6 2-4' SA57314-06	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.84	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.84	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.84	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.84	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.84	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.2	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.84	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.84	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.84	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.84	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.84	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.84	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.84	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.84	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.84	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.84	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.84	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.84	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.2	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.84	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.84	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.84	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*47.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55.2*		*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	25-Jan-07	27-Jan-07	7011525	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)*	*44.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*53.3*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1500	2	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1500	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1500	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1500	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1500	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1500	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1500	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-6 2-4' SA57314-06	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	1,620		µg/kg dry	1500	2	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	1,730		µg/kg dry	1500	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	1500	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1500	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,500		µg/kg dry	1500	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1500	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1500	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1500	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1500	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1500	2	"	"	"	"	"
218-01-9	Chrysene	1,630		µg/kg dry	1500	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1500	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	254	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1500	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1500	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1500	2	"	"	"	"	"
206-44-0	Fluoranthene	3,310		µg/kg dry	1500	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1500	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1500	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1500	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1500	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1500	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1500	2	"	"	"	"	"

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
IWT-6 2-4' SA57314-06	(None)	Soil	23-Jan-07 00:00	24-Jan-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			R05								
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1500	2	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5990	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5990	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1500	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
85-01-8	Phenanthrene	1,570		µg/kg dry	1500	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
129-00-0	Pyrene	3,980		µg/kg dry	1500	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1500	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1500	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1500	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*88.7*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*74.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*96.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0600		mg/kg dry	0.0331	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.01	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	2.90		mg/kg dry	1.51	1	"	"	"	"	"
7440-39-3	Barium	44.9		mg/kg dry	0.503	1	"	"	"	"	"
7440-43-9	Cadmium	0.412		mg/kg dry	0.251	1	"	"	"	"	"
7440-47-3	Chromium	11.9		mg/kg dry	0.503	1	"	"	"	"	"
7439-92-1	Lead	317		mg/kg dry	0.754	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.51	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0058		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0056		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.6		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-7 4-8' SA57314-07	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.4	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
67-64-1	Acetone	BRL		µg/kg dry	129	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	32.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	12.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	64.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-7 4-8' SA57314-07	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*119*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*124*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	50.3	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	50.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	50.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	50.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	50.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	50.3	1	"	"	"	"	"
	Unidentified	74.0		mg/kg dry	50.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	50.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	74.0		mg/kg dry	50.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	74.0		mg/kg dry	50.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-7 4-8'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-07				

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											
309-00-2	Aldrin	BRL		µg/kg dry	5.96	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.96	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.96	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.96	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.96	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.96	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.96	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.96	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.96	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.96	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.96	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.96	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.96	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.96	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.96	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.96	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.96	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.96	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.96	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.96	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*41.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45.5*		*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	25-Jan-07	27-Jan-07	7011525	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)*	*42.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45.0*		*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	624	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	624	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	624	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	624	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	624	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	624	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	624	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-7 4-8' SA57314-07	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	624	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	624	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	624	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	624	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	624	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	624	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	624	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	624	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	624	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	624	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	624	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	624	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	624	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	624	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	624	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	624	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	624	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	624	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	624	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	250	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	624	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	624	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	624	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	624	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	624	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	624	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	624	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	624	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	624	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	624	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	624	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	624	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	624	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	624	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	624	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	624	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	624	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	624	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-7 4-8' SA57314-07	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	624	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2500	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2500	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	624	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	624	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	624	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	624	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	624	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	624	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	624	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	624	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	624	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*87.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*76.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.3*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0337	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.991	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.49	1	"	"	"	"	"
7440-39-3	Barium	14.5		mg/kg dry	0.496	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.248	1	"	"	"	"	"
7440-47-3	Chromium	5.05		mg/kg dry	0.496	1	"	"	"	"	"
7439-92-1	Lead	5.88		mg/kg dry	0.743	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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0074		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.8		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 4-6' SA57314-08	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds			R05								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	133	100	SW 846 8260B	25-Jan-07	26-Jan-07	7011575	RLJ
67-64-1	Acetone	BRL		µg/kg dry	2660	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	133	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	133	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	133	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	133	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	133	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	266	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	1330	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	664	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	133	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	266	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	133	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	266	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	133	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	133	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	266	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	133	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	133	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	133	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	266	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	133	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	133	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	133	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	133	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	133	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	133	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	133	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	133	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	133	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	133	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	1330	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	133	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	133	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	1330	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	1330	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 4-6' SA57314-08	(None)	Soil	23-Jan-07 00:00	24-Jan-07

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	133	100	SW 846 8260B	25-Jan-07	26-Jan-07	7011575	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	133	100	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	133	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	133	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	133	100	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	133	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	133	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	133	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	133	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	133	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	266	100	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	133	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	1330	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	133	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	133	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	133	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	133	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	1330	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	2660	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*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	57.6	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	57.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	57.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	57.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	57.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	57.6	1	"	"	"	"	"
	Unidentified	2,140		mg/kg dry	57.6	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	57.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	2,140		mg/kg dry	57.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	2,140		mg/kg dry	57.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*276*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

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
IWT-8 4-6' SA57314-08	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	6.10	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.10	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.10	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.10	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.10	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.10	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*53.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.2	1	SW846 8082	25-Jan-07	27-Jan-07	7011525	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*69.9*		*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	714	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	714	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	714	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	714	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	714	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	714	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	714	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-08				

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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	714	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	714	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	714	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	714	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	714	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	714	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	714	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	714	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	714	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	714	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	714	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	714	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	714	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	714	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	714	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	714	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	714	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	714	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	714	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	286	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	714	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	714	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	714	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	714	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	714	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	714	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	714	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	714	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	714	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	714	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	714	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	714	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	714	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	714	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	714	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	714	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	714	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	714	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 4-6'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-08				

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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	714	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2860	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2860	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	714	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	714	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	714	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	714	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	714	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	714	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	714	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	714	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	714	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*79.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*69.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*70.1*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0353		mg/kg dry	0.0346	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.992	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	3.09		mg/kg dry	1.49	1	"	"	"	"	"
7440-39-3	Barium	16.4		mg/kg dry	0.496	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.248	1	"	"	"	"	"
7440-47-3	Chromium	5.61		mg/kg dry	0.496	1	"	"	"	"	"
7439-92-1	Lead	6.74		mg/kg dry	0.744	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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0100		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	0.0209		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.5		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-9 2-4' SA57314-09	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.2	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
67-64-1	Acetone	BRL		µg/kg dry	103	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	10.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	51.7	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	25.8	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	10.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.3	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	10.3	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	10.3	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	51.7	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	51.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	51.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-9 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-09				

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.2	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
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	10.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	51.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	51.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	103	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*105*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*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	56.5	1	+CT ETPH	25-Jan-07	25-Jan-07	7011524	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	56.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	56.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	56.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	56.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	56.5	1	"	"	"	"	"
	Unidentified	684		mg/kg dry	56.5	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	56.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	684		mg/kg dry	56.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	684		mg/kg dry	56.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*236*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-9 2-4' SA57314-09	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.66	1	SW846 8081A	24-Jan-07	31-Jan-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.66	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.66	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.66	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.66	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.66	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.66	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.66	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.66	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.66	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.66	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.66	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.66	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.66	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.66	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.66	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.66	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.66	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.66	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.66	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*45.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*133*		*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	25-Jan-07	27-Jan-07	7011525	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	12.2		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)*	*39.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*56.1*		*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	701	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	1,400		µg/kg dry	701	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	701	1	"	"	"	"	"
120-12-7	Anthracene	1,210		µg/kg dry	701	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	701	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	701	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	701	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-9 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-09				

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											
56-55-3	Benzo (a) anthracene	4,440		µg/kg dry	701	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	4,700		µg/kg dry	701	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	4,660		µg/kg dry	701	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,500		µg/kg dry	701	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	3,000		µg/kg dry	701	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	701	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	701	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	701	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	701	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	701	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	701	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	701	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	701	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	701	1	"	"	"	"	"
218-01-9	Chrysene	5,150		µg/kg dry	701	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	701	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	701	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	280	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	701	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	701	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	701	1	"	"	"	"	"
206-44-0	Fluoranthene	6,010		µg/kg dry	701	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	701	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	701	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	701	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	701	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,240		µg/kg dry	701	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	701	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	701	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	701	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	701	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-9 2-4' SA57314-09	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	701	1	SW846 8270C	26-Jan-07	27-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2800	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2800	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	701	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
85-01-8	Phenanthrene	790		µg/kg dry	701	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	701	1	"	"	"	"	"
129-00-0	Pyrene	10,600		µg/kg dry	701	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	701	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	701	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	701	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*86.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*49.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.386		mg/kg dry	0.0318	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.999	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	4.08		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	44.1		mg/kg dry	0.500	1	"	"	"	"	"
7440-43-9	Cadmium	0.570		mg/kg dry	0.250	1	"	"	"	"	"
7440-47-3	Chromium	10.1		mg/kg dry	0.500	1	"	"	"	"	"
7439-92-1	Lead	125		mg/kg dry	0.750	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	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0078		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	0.0093		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	91.7		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-10 2-4' SA57314-10	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	72.1	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
67-64-1	Acetone	BRL		µg/kg dry	1440	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	72.1	50	"	"	"	"	"
71-43-2	Benzene	102		µg/kg dry	72.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	72.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	144	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	721	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	360	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	72.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	144	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	72.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	144	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	144	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	72.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	144	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	721	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	72.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	721	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	721	50	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-10 2-4' SA57314-10	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	98.0		µg/kg dry	72.1	50	SW 846 8260B	01-Feb-07	01-Feb-07	7020019	jro
103-65-1	n-Propylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	510		µg/kg dry	72.1	50	"	"	"	"	"
108-88-3	Toluene	264		µg/kg dry	72.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
79-01-6	Trichloroethene	142		µg/kg dry	72.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	72.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	72.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	83.6		µg/kg dry	72.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	72.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	185		µg/kg dry	144	50	"	"	"	"	"
95-47-6	o-Xylene	137		µg/kg dry	72.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	721	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	72.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	72.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	72.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	72.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	721	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1440	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*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	53.2	1	+CT ETPH	26-Jan-07	29-Jan-07	7011609	DS
68476-30-2	Fuel Oil #2	Calculated as		mg/kg dry	53.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	53.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	53.2	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	53.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	53.2	1	"	"	"	"	"
	Unidentified	575		mg/kg dry	53.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	53.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	575		mg/kg dry	53.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	575		mg/kg dry	53.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*222*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-10 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-10				

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 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	6.25	1	SW846 8081A	24-Jan-07	01-Feb-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.25	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.25	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.25	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.25	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.3	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.25	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.25	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.25	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.25	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.25	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.25	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.25	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.25	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.25	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.25	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.25	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.25	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*55.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.5	1	SW846 8082	25-Jan-07	27-Jan-07	7011525	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75.0*		*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	661	1	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	661	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	661	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	661	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	661	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	661	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	661	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-10 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-10				

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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	661	1	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	661	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	661	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	661	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	661	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	661	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	661	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	661	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	661	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	661	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	661	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	661	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	661	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	661	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	661	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	661	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	661	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	661	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	661	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	264	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	661	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	661	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	661	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	661	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	661	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	661	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	661	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	661	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	661	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	661	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	661	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	661	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	661	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	661	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	661	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	661	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	661	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	661	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-10 2-4' SA57314-10	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	661	1	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2640	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2640	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	661	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	661	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	661	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	661	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	661	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	661	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	661	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	661	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	661	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*69.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.5*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.20		mg/kg dry	0.0357	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.14	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	25.0		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	140		mg/kg dry	0.568	1	"	"	"	"	"
7440-43-9	Cadmium	0.619		mg/kg dry	0.284	1	"	"	"	"	"
7440-47-3	Chromium	10.0		mg/kg dry	0.568	1	"	"	"	"	"
7439-92-1	Lead	128		mg/kg dry	0.852	1	"	"	"	"	"
7782-49-2	Selenium	2.73		mg/kg dry	1.70	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0208		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	0.00044		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	0.0097		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	82.4		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-11 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-01				

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	134	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	24.7	1	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	24.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	24.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	24.7	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	24.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	24.7	1	"	"	"	"	"
	Unidentified	52.5		mg/kg dry	24.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	24.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	52.5		mg/kg dry	24.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	52.5		mg/kg dry	24.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*60.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-11 2'-4' SA57049-01	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.93	1	SW846 8081A	18-Jan-07	23-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.93	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.93	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.93	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.93	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	29.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.93	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.93	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.93	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.93	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.93	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.93	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.93	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.93	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.93	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.93	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.93	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.93	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	29.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.93	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.93	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.93	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*129*		*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	19-Jan-07	21-Jan-07	7011214	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	62.7		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)*	*50.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*84.9*		*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	306	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	306	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	306	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	306	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	306	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	306	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	306	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-11 2'-4' SA57049-01	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
56-55-3	Benzo (a) anthracene	414		µg/kg dry	306	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	436		µg/kg dry	306	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	490		µg/kg dry	306	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	306	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	370		µg/kg dry	306	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	306	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	306	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	306	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	306	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	306	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	306	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	306	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	306	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	306	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	306	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	306	1	"	"	"	"	"
218-01-9	Chrysene	310		µg/kg dry	306	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	306	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	306	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	63.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	306	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	306	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	306	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	306	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	306	1	"	"	"	"	"
206-44-0	Fluoranthene	475		µg/kg dry	306	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	306	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	306	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	306	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	306	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	306	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	306	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	306	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	306	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	306	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	306	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	306	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	306	1	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-11 2'-4' SA57049-01	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	306	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1220	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1220	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	306	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	306	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	306	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	306	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	306	1	"	"	"	"	"
129-00-0	Pyrene	502		µg/kg dry	306	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	306	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	306	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	306	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57.6*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*69.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51.0*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	7.64		mg/kg dry	0.349	10	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.12	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	7.94		mg/kg dry	1.68	1	"	"	"	"	"
7440-39-3	Barium	57.2		mg/kg dry	0.561	1	"	"	"	"	"
7440-43-9	Cadmium	1.42		mg/kg dry	0.280	1	"	"	"	"	"
7440-47-3	Chromium	20.9		mg/kg dry	0.561	1	"	"	"	"	"
7439-92-1	Lead	395		mg/kg dry	0.841	1	"	"	"	"	"
7782-49-2	Selenium	2.65		mg/kg dry	1.68	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0152		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	0.0278		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.3		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-12 2-4' SA57314-11	(None)	Soil	23-Jan-07 00:00	24-Jan-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	24-Jan-07	24-Jan-07	7011549	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.9	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
67-64-1	Acetone	BRL		µg/kg dry	118	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	59.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-12 2-4' SA57314-11	(None)	Soil	23-Jan-07 00:00	24-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	SW 846 8260B	25-Jan-07	26-Jan-07	7011580	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	118	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*72.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	44.0	1	+CT ETPH	26-Jan-07	29-Jan-07	7011609	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	44.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	44.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	44.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	44.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	44.0	1	"	"	"	"	"
	Unidentified	801		mg/kg dry	44.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	44.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	801		mg/kg dry	44.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	801		mg/kg dry	44.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*608*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-12 2-4' SA57314-11	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	5.69	1	SW846 8081A	24-Jan-07	01-Feb-07	7011427	TG
319-84-6	a-BHC	BRL		µg/kg dry	5.69	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	5.69	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	5.69	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	5.69	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	28.4	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	5.69	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	5.69	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	5.69	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	5.69	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	5.69	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	5.69	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	5.69	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	5.69	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	5.69	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	5.69	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	5.69	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	5.69	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	28.4	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	5.69	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	5.69	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	5.69	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*51.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*142*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	11.4	1	SW846 8082	25-Jan-07	27-Jan-07	7011525	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	11.4	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	11.4	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	11.4	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	11.4	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	11.4	1	"	"	"	"	"
11096-82-5	PCB 1260	33.9		µg/kg dry	11.4	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	11.4	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	11.4	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*49.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*72.3*		*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	873	2	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
208-96-8	Acenaphthylene	2,610		µg/kg dry	873	2	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	873	2	"	"	"	"	"
120-12-7	Anthracene	1,830		µg/kg dry	873	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	873	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	873	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	873	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-12 2-4'	(None)	Soil	23-Jan-07 00:00	24-Jan-07
SA57314-11				

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											
56-55-3	Benzo (a) anthracene	7,870		µg/kg dry	873	2	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
50-32-8	Benzo (a) pyrene	6,000		µg/kg dry	873	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	5,380		µg/kg dry	873	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,900		µg/kg dry	873	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	4,250		µg/kg dry	873	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	873	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	873	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	873	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	873	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	873	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	873	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	873	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	873	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	873	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	873	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	873	2	"	"	"	"	"
218-01-9	Chrysene	8,210		µg/kg dry	873	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	873	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	873	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	218	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	873	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	873	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	873	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	873	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	873	2	"	"	"	"	"
206-44-0	Fluoranthene	10,300		µg/kg dry	873	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	873	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	873	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	873	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	873	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,510		µg/kg dry	873	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	873	2	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	873	2	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	873	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	873	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	873	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	873	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	873	2	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-12 2-4' SA57314-11	(None)	Soil	23-Jan-07 00:00	24-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	873	2	SW846 8270C	26-Jan-07	28-Jan-07	7011608	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3490	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3490	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	873	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	873	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	873	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
85-01-8	Phenanthrene	1,010		µg/kg dry	873	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	873	2	"	"	"	"	"
129-00-0	Pyrene	21,100		µg/kg dry	873	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	873	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	873	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	873	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*101*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*79.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*67.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*98.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.544		mg/kg dry	0.0317	1	SW846 7471A	26-Jan-07	29-Jan-07	7011516	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.920	1	EPA 200.7	26-Jan-07	26-Jan-07	7011515	LR
7440-38-2	Arsenic	2.57		mg/kg dry	1.38	1	"	"	"	"	"
7440-39-3	Barium	38.4		mg/kg dry	0.460	1	"	"	"	"	"
7440-43-9	Cadmium	0.382		mg/kg dry	0.230	1	"	"	"	"	"
7440-47-3	Chromium	12.7		mg/kg dry	0.460	1	"	"	"	"	"
7439-92-1	Lead	84.3		mg/kg dry	0.690	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.38	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	25-Jan-07	25-Jan-07	7011585	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	26-Jan-07	26-Jan-07	7011631	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0094		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	29-Jan-07	7011632	YP
7439-92-1	Lead	0.0080		mg/l	0.0075	1	SW846 1312/6010B	"	26-Jan-07	7011631	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	92.1		%		1	SM2540 G Mod.	25-Jan-07	25-Jan-07	7011555	YM

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-13 2'-4' SA57049-02	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.3	1	SW 846 8260B	23-Jan-07	23-Jan-07	7011372	RLJ
67-64-1	Acetone	BRL		µg/kg dry	125	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	12.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-13 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-02				

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 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	SW 846 8260B	23-Jan-07	23-Jan-07	7011372	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*85.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*112*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*130*		*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	22.3	1	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	22.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	22.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	22.3	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	22.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	22.3	1	"	"	"	"	"
	Unidentified	77.6		mg/kg dry	22.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	22.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	77.6		mg/kg dry	22.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	77.6		mg/kg dry	22.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*75.6*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-13 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-02				

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											
309-00-2	Aldrin	BRL		µg/kg dry	6.10	1	SW846 8081A	18-Jan-07	23-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.10	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.10	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.10	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.10	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.10	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*84.4*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.2	1	SW846 8082	19-Jan-07	21-Jan-07	7011214	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*57.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*109*		*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	276	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	276	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	276	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	276	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	276	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	276	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	276	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-13 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-02				

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											
56-55-3	Benzo (a) anthracene	499		µg/kg dry	276	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	579		µg/kg dry	276	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	584		µg/kg dry	276	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	276	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	475		µg/kg dry	276	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	276	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	276	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	276	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	276	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	276	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	276	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	276	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	276	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	276	1	"	"	"	"	"
218-01-9	Chrysene	433		µg/kg dry	276	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	276	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	276	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	56.9	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	276	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	276	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	276	1	"	"	"	"	"
206-44-0	Fluoranthene	576		µg/kg dry	276	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	276	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	276	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	276	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	276	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	276	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	276	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	276	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	276	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	276	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-13 2'-4' SA57049-02	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	276	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1100	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1100	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	276	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	276	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	276	1	"	"	"	"	"
129-00-0	Pyrene	663		µg/kg dry	276	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	276	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	276	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	276	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57.3*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*47.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.833		mg/kg dry	0.0333	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.00	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	15.7		mg/kg dry	1.50	1	"	"	"	"	"
7440-39-3	Barium	63.3		mg/kg dry	0.501	1	"	"	"	"	"
7440-43-9	Cadmium	0.496		mg/kg dry	0.251	1	"	"	"	"	"
7440-47-3	Chromium	6.67		mg/kg dry	0.501	1	"	"	"	"	"
7439-92-1	Lead	242		mg/kg dry	0.752	1	"	"	"	"	"
7782-49-2	Selenium	3.19		mg/kg dry	1.50	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0070		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0098		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	0.0177		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.0		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-14 2'-4' SA57049-03	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.8	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	BRL		µg/kg dry	117	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	58.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	58.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	58.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	58.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-14 2'-4' SA57049-03	31-88	Soil	17-Jan-07 00:00	18-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.8	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	58.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	58.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*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	257	10	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	257	10	"	"	"	"	"
68476-31-3	Fuel Oil #4	Calculated as		mg/kg dry	257	10	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	257	10	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	257	10	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	257	10	"	"	"	"	"
	Unidentified	4,140		mg/kg dry	257	10	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	257	10	"	"	"	"	"
	Total Petroleum Hydrocarbons	4,140		mg/kg dry	257	10	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	4,140		mg/kg dry	257	10	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*3230*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-14 2'-4' SA57049-03	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	6.10	1	SW846 8081A	18-Jan-07	23-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.10	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.10	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	30.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.10	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.10	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.10	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.10	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.10	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.10	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	30.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.10	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.10	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*78.9*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.2	1	SW846 8082	19-Jan-07	21-Jan-07	7011214	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.2	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.2	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.2	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.2	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.2	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*37.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*38.4*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1280	20	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1280	20	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1280	20	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1280	20	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1280	20	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1280	20	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1280	20	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-14 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-03				

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			R05								
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	1,700		µg/kg dry	1280	20	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1280	20	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,390		µg/kg dry	1280	20	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1280	20	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1280	20	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1280	20	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1280	20	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1280	20	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1280	20	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1280	20	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1280	20	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1280	20	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1280	20	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1280	20	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1280	20	"	"	"	"	"
218-01-9	Chrysene	2,500		µg/kg dry	1280	20	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1280	20	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1280	20	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	271	20	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1280	20	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1280	20	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1280	20	"	"	"	"	"
206-44-0	Fluoranthene	1,780		µg/kg dry	1280	20	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1280	20	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1280	20	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1280	20	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1280	20	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1280	20	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1280	20	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1280	20	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1280	20	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1280	20	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1280	20	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-14 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-03				

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			R05								
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1280	20	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5100	20	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5100	20	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1280	20	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1280	20	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1280	20	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1280	20	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
129-00-0	Pyrene	5,750		µg/kg dry	1280	20	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1280	20	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1280	20	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1280	20	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*82.5*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*61.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*80.4*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*98.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.6*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.171		mg/kg dry	0.0327	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.01	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	1.63		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	61.4		mg/kg dry	0.506	1	"	"	"	"	"
7440-43-9	Cadmium	0.445		mg/kg dry	0.253	1	"	"	"	"	"
7440-47-3	Chromium	11.5		mg/kg dry	0.506	1	"	"	"	"	"
7439-92-1	Lead	73.1		mg/kg dry	0.759	1	"	"	"	"	"
7782-49-2	Selenium	1.68		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0079		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	89.1		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-15 2'-4' SA57049-04	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.6	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	390	VOC6	µg/kg dry	133	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	13.9		µg/kg dry	6.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	6.8		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	13.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-15 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-04				

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	133	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*130*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*120*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	132	5	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	132	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	132	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	132	5	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	132	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	132	5	"	"	"	"	"
	Unidentified	426		mg/kg dry	132	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	132	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	426		mg/kg dry	132	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	426		mg/kg dry	132	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*144*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-15 2'-4' SA57049-04	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
309-00-2	Aldrin	BRL		µg/kg dry	6.73	1	SW846 8081A	18-Jan-07	24-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.73	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	9.45		µg/kg dry	6.73	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.73	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.73	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.73	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.73	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*34.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*91.8*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.5	1	SW846 8082	19-Jan-07	21-Jan-07	7011214	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11096-82-5	PCB 1260	297		µg/kg dry	13.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40.7*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45.1*		*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	327	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	327	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	327	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	327	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	327	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	327	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	327	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-15 2'-4' SA57049-04	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	327	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	327	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	327	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	327	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	327	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	327	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	327	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	327	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	327	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	327	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	327	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	327	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	327	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	327	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	327	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	327	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	327	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	327	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	327	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	298	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	327	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	327	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	327	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	327	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	327	5	"	"	"	"	"
206-44-0	Fluoranthene	377		µg/kg dry	327	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	327	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	327	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	327	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	327	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	327	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	327	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	327	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	327	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	327	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	327	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	327	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	327	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-15 2'-4' SA57049-04	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	327	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1310	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1310	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	327	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	327	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	327	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	327	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	327	5	"	"	"	"	"
129-00-0	Pyrene	529		µg/kg dry	327	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	327	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	327	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	327	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*72.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*71.0*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*85.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54.8*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.216		mg/kg dry	0.0345	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL	R01	mg/kg dry	21.9	20	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	8.80		mg/kg dry	1.64	1	"	"	23-Jan-07	"	"
7440-39-3	Barium	117		mg/kg dry	0.547	1	"	"	"	"	"
7440-43-9	Cadmium	1.26		mg/kg dry	0.274	1	"	"	"	"	"
7440-47-3	Chromium	33.7		mg/kg dry	0.547	1	"	"	"	"	"
7439-92-1	Lead	300		mg/kg dry	0.821	1	"	"	"	"	"
7782-49-2	Selenium	3.77		mg/kg dry	1.64	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL	R01	mg/l	0.200	20	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	23-Jan-07	"	"
7440-39-3	Barium	0.0836		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	0.0122		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	0.0168		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.6		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-16 2'-4' SA57049-05	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	6.1	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	BRL		µg/kg dry	122	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	12.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	60.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	60.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-16 2'-4' SA57049-05	31-88	Soil	17-Jan-07 00:00	18-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.1	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	60.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	60.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	122	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*111*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	121	5	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	121	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	121	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	121	5	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	121	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	121	5	"	"	"	"	"
	Unidentified	318		mg/kg dry	121	5	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	121	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	318		mg/kg dry	121	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	318		mg/kg dry	121	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*270*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-16 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-05				

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											
309-00-2	Aldrin	BRL		µg/kg dry	6.41	1	SW846 8081A	18-Jan-07	24-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.41	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.41	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.41	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.41	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.0	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.41	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	7.21		µg/kg dry	6.41	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.41	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.41	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.41	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.41	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.41	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.41	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.41	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.41	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.0	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.41	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.41	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.41	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*85.9*		*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	19-Jan-07	21-Jan-07	7011214	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	41.0		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)*	*40.5*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*52.5*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C			R05								
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	1510	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1510	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1510	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1510	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1510	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1510	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1510	5	"	"	"	"	"

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

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-16 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-05				

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			R05								
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	1,660		µg/kg dry	1510	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	1510	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,560		µg/kg dry	1510	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	1510	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	1510	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1510	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1510	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1510	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1510	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1510	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1510	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1510	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1510	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1510	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1510	5	"	"	"	"	"
218-01-9	Chrysene	1,580		µg/kg dry	1510	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1510	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1510	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	146	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1510	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1510	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1510	5	"	"	"	"	"
206-44-0	Fluoranthene	3,270		µg/kg dry	1510	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1510	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1510	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1510	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1510	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	1510	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1510	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1510	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1510	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1510	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1510	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-16 2'-4' SA57049-05	31-88	Soil	17-Jan-07 00:00	18-Jan-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			R05								
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1510	5	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	6030	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	6030	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1510	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1510	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1510	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
85-01-8	Phenanthrene	1,750		µg/kg dry	1510	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
129-00-0	Pyrene	3,650		µg/kg dry	1510	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1510	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1510	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1510	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*76.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*65.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*66.3*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*85.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50.7*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.476		mg/kg dry	0.0333	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.972	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	8.76		mg/kg dry	1.46	1	"	"	"	"	"
7440-39-3	Barium	46.6		mg/kg dry	0.486	1	"	"	"	"	"
7440-43-9	Cadmium	0.783		mg/kg dry	0.243	1	"	"	"	"	"
7440-47-3	Chromium	17.1		mg/kg dry	0.486	1	"	"	"	"	"
7439-92-1	Lead	146		mg/kg dry	0.729	1	"	"	"	"	"
7782-49-2	Selenium	1.90		mg/kg dry	1.46	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0160		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	0.0218		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	88.8		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 2'-4' SA57049-06	31-88	Soil	17-Jan-07 00:00	18-Jan-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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	8.2	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	BRL		µg/kg dry	165	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	16.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	82.5	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	41.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	16.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	16.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	16.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	82.5	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	82.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	82.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 2'-4' SA57049-06	31-88	Soil	17-Jan-07 00:00	18-Jan-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)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.2	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	16.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	82.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	82.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	165	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*72.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*126*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.4	1	+CT ETPH	18-Jan-07	19-Jan-07	7011124	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.4	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	30.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	30.4	1	"	"	"	"	"
	Unidentified	292		mg/kg dry	30.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	30.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	292		mg/kg dry	30.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	292		mg/kg dry	30.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*221*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 2'-4'	31-88	Soil	17-Jan-07 00:00	18-Jan-07
SA57049-06				

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											
309-00-2	Aldrin	BRL		µg/kg dry	7.57	1	SW846 8081A	18-Jan-07	24-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	7.57	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	7.57	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	7.57	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	7.57	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	37.8	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	7.57	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	7.57	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	19.6		µg/kg dry	7.57	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	7.57	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	7.57	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	7.57	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	7.57	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	7.57	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	7.57	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	7.57	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	7.57	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	37.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	7.57	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	7.57	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	7.57	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66.2*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*119*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	15.1	1	SW846 8082	19-Jan-07	21-Jan-07	7011214	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	15.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	15.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	15.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	15.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	15.1	1	"	"	"	"	"
11096-82-5	PCB 1260	42.8		µg/kg dry	15.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	15.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	15.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*63.6*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80.8*		*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	754	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	754	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	754	1	"	"	"	"	"
120-12-7	Anthracene	759		µg/kg dry	754	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	754	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	754	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	754	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 2'-4' SA57049-06	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
56-55-3	Benzo (a) anthracene	3,170		µg/kg dry	754	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
50-32-8	Benzo (a) pyrene	2,280		µg/kg dry	754	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	3,600		µg/kg dry	754	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	983		µg/kg dry	754	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,220		µg/kg dry	754	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	754	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	754	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	754	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	754	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	754	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	754	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	754	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	754	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	754	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	754	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	754	1	"	"	"	"	"
218-01-9	Chrysene	3,680		µg/kg dry	754	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	754	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	754	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	151	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	754	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	754	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	754	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	754	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	754	1	"	"	"	"	"
206-44-0	Fluoranthene	3,800		µg/kg dry	754	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	754	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	754	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	754	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	754	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	981		µg/kg dry	754	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	754	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	754	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	754	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	754	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	754	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	754	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	754	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 2'-4' SA57049-06	31-88	Soil	17-Jan-07 00:00	18-Jan-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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	754	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3020	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3020	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	754	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	754	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	754	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
85-01-8	Phenanthrene	986		µg/kg dry	754	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	754	1	"	"	"	"	"
129-00-0	Pyrene	5,500		µg/kg dry	754	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	754	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	754	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	754	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.4*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*87.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*51.2*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.477		mg/kg dry	0.0383	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.28	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	27.6		mg/kg dry	1.92	1	"	"	"	"	"
7440-39-3	Barium	81.3		mg/kg dry	0.641	1	"	"	"	"	"
7440-43-9	Cadmium	1.42		mg/kg dry	0.321	1	"	"	"	"	"
7440-47-3	Chromium	14.6		mg/kg dry	0.641	1	"	"	"	"	"
7439-92-1	Lead	483		mg/kg dry	0.962	1	"	"	"	"	"
7782-49-2	Selenium	4.83		mg/kg dry	1.92	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0190		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	0.0227		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	0.0173		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.8		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

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APPENDIX C
Concrete Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWTC-1	31-88	Concrete	17-Jan-07 00:00	18-Jan-07
SA57049-07				

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	18-Jan-07	18-Jan-07	7011197	JRY
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	4.9	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
67-64-1	Acetone	BRL		µg/kg dry	98.1	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	9.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	49.1	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	24.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	9.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	9.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	9.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	9.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	49.1	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	49.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	49.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWTC-1	31-88	Concrete	17-Jan-07 00:00	18-Jan-07
SA57049-07				

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)											
91-20-3	Naphthalene	BRL		µg/kg dry	4.9	1	SW 846 8260B	22-Jan-07	22-Jan-07	7011315	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	4.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	4.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	4.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	9.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	4.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	49.1	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	4.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	49.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	98.1	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*135*	SGC	*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*25.8*	SGC	*70-130 %*			"	"	"	"	"
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)									SA57049-07RE1		
76-13-1	1,1,2-Trichlorotrifluoroethane (Frec 113)	BRL		µg/kg dry	5.2	1	SW 846 8260B	23-Jan-07	23-Jan-07	7011372	RLJ
67-64-1	Acetone	BRL		µg/kg dry	105	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWTC-1	31-88	Concrete	17-Jan-07 00:00	18-Jan-07
SA57049-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds									SA57049-07RE1		
Prepared by method SW846 5035A Soil (low level)											
75-00-3	Chloroethane	BRL		µg/kg dry	10.5	1	SW 846 8260B	23-Jan-07	23-Jan-07	7011372	RLJ
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	BRL		µg/kg dry	5.2	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.2	1	"	"	"	"	"
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	"	"	"	"	"

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
IWTC-1	31-88	Concrete	17-Jan-07 00:00	18-Jan-07
SA57049-07				

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)									SA57049-07RE1		
95-47-6	o-Xylene	BRL		µg/kg dry	5.2	1	SW 846 8260B	23-Jan-07	23-Jan-07	7011372	RLJ
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*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*106*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*119*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*21.0*	SDUP	*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	40.6	1	+CT ETPH	22-Jan-07	23-Jan-07	7011300	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	40.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	40.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	40.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	40.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	40.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	40.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	40.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	40.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	40.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*54.1*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3545A											
309-00-2	Aldrin	BRL		µg/kg dry	20.3	1	SW846 8081A	18-Jan-07	24-Jan-07	7011122	TG
319-84-6	a-BHC	BRL		µg/kg dry	20.3	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	20.3	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	20.3	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	20.3	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	102	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	20.3	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	20.3	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	20.3	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	20.3	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	20.3	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	20.3	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	20.3	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	20.3	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	20.3	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	20.3	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	20.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWTC-1 SA57049-07	31-88	Concrete	17-Jan-07 00:00	18-Jan-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											
8001-35-2	Toxaphene	BRL		µg/kg dry	102	1	SW846 8081A	18-Jan-07	24-Jan-07	7011122	TG
5103-71-9	a-Chlordane	BRL		µg/kg dry	20.3	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	20.3	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	20.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*62.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*76.6*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	40.7	1	SW846 8082	19-Jan-07	21-Jan-07	7011214	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	40.7	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	40.7	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	40.7	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	40.7	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	40.7	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	40.7	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	40.7	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	40.7	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*56.7*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*94.6*		*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	504	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	504	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	504	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	504	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	504	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	504	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	504	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	504	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	504	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	504	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	504	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	504	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	504	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	504	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	504	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	504	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	504	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	504	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	504	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	504	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	504	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	504	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	504	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWTC-1	31-88	Concrete	17-Jan-07 00:00	18-Jan-07
SA57049-07				

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											
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	504	1	SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
218-01-9	Chrysene	BRL		µg/kg dry	504	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	504	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	504	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	252	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	504	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	504	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	504	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	504	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	504	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	504	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	504	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	504	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	504	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	504	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	504	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	504	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	504	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	504	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	504	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	504	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	504	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	504	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	504	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	504	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	504	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2020	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	504	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2020	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	504	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	504	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	504	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	504	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	504	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	504	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	504	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	504	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	504	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	504	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	504	1	"	"	"	"	"

Surrogate recoveries:

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
IWTC-1 SA57049-07	31-88	Concrete	17-Jan-07 00:00	18-Jan-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											
321-60-8	*2-Fluorobiphenyl*	*117*		*30-130 %*			SW846 8270C	19-Jan-07	23-Jan-07	7011212	M.B
367-12-4	*2-Fluorophenol*	*0.200*	S06	*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*76.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*1.00*	S06	*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*128*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*		S06	*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0305	1	SW846 7471A	19-Jan-07	22-Jan-07	7011179	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.02	1	EPA 200.7	19-Jan-07	23-Jan-07	7011178	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	52.9		mg/kg dry	0.508	1	"	"	"	"	"
7440-43-9	Cadmium	0.432		mg/kg dry	0.254	1	"	"	"	"	"
7440-47-3	Chromium	31.9		mg/kg dry	0.508	1	"	"	"	"	"
7439-92-1	Lead	12.0		mg/kg dry	0.762	1	"	"	"	"	"
7782-49-2	Selenium	2.61		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	18-Jan-07	18-Jan-07	7011195	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jan-07	23-Jan-07	7011230	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0709		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0170		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	22-Jan-07	7011231	YP
7439-92-1	Lead	0.0086		mg/l	0.0075	1	SW846 1312/6010B	"	23-Jan-07	7011230	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	97.2		%		1	SM2540 G Mod.	18-Jan-07	18-Jan-07	7011190	QP

APPENDIX D
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW	(None)	Ground Water	23-Jan-07 00:00	24-Jan-07
SA57314-12				

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 (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	25-Jan-07	25-Jan-07	7011564	ek
67-64-1	Acetone	BRL		µg/l	20.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	1.3		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	8.6		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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW	(None)	Ground Water	23-Jan-07 00:00	24-Jan-07
SA57314-12				

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											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	25-Jan-07	25-Jan-07	7011564	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
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	5.2		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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*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	24-Jan-07	26-Jan-07	7011503	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	5.4		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	5.4		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	5.4		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*261*	S02	*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	25-Jan-07	25-Jan-07	7011523	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW	(None)	Ground Water	23-Jan-07 00:00	24-Jan-07
SA57314-12				

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 3510C											
319-84-6	a-BHC	BRL		µg/l	0.0125	1	SW846 8081A	25-Jan-07	25-Jan-07	7011523	TG
319-85-7	b-BHC	BRL		µg/l	0.0125	1	"	"	"	"	"
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)*	*42.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59.6*		*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	24-Jan-07	31-Jan-07	7011444	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)*	*44.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*64.8*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3535											
83-32-9	Acenaphthene	BRL		µg/l	6.25	1	SW846 8270C	24-Jan-07	26-Jan-07	7011505	M.B
208-96-8	Acenaphthylene	BRL		µg/l	6.25	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	6.25	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	6.25	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	6.25	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	6.25	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW	(None)	Ground Water	23-Jan-07 00:00	24-Jan-07
SA57314-12				

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 3535											
50-32-8	Benzo (a) pyrene	BRL		µg/l	6.25	1	SW846 8270C	24-Jan-07	26-Jan-07	7011505	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	6.25	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	6.25	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	6.25	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	6.25	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	6.25	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	6.25	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	6.25	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	6.25	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	6.25	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	6.25	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	6.25	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	6.25	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	6.25	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	6.25	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	6.25	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	6.25	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	6.25	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	6.25	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	6.25	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	6.25	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	6.25	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	6.25	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	6.25	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	6.25	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	6.25	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	6.25	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	12.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	6.25	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	25.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW	(None)	Ground Water	23-Jan-07 00:00	24-Jan-07
SA57314-12				

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 3535											
98-95-3	Nitrobenzene	BRL		µg/l	6.25	1	SW846 8270C	24-Jan-07	26-Jan-07	7011505	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	6.25	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	25.0	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	6.25	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	6.25	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	6.25	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	25.0	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	6.25	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	6.25	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	6.25	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	6.25	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	6.25	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	6.25	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	6.25	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	6.25	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*63.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.9*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55.4*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3535											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	30-Jan-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*	*63.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.4*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	25-Jan-07	26-Jan-07	7011509	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0272		mg/l	0.0050	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-8 GW SA57314-12	(None)	Ground Water	23-Jan-07 00:00	24-Jan-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	25-Jan-07	26-Jan-07	7011509	LR
7440-47-3	Chromium	0.0064		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0183		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	25-Jan-07	25-Jan-07	7011510	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW	31-88	Ground Water	17-Jan-07 00:00	18-Jan-07
SA57049-08				

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 (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
67-64-1	Acetone	BRL		µg/l	20.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW SA57049-08	31-88	Ground Water	17-Jan-07 00:00	18-Jan-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											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
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*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*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	19-Jan-07	23-Jan-07	7011210	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	1.6		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	1.6		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1.6		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*111*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.011	1	SW846 8081A	19-Jan-07	22-Jan-07	7011117	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW	31-88	Ground Water	17-Jan-07 00:00	18-Jan-07
SA57049-08				

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 3510C											
319-84-6	a-BHC	BRL		µg/l	0.011	1	SW846 8081A	19-Jan-07	22-Jan-07	7011117	TG
319-85-7	b-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.011	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.011	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.056	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.011	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.011	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.011	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.011	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.011	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.011	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.011	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.011	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.011	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.056	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.011	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.011	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*44.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75.7*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0222	1	SW846 8082	18-Jan-07	23-Jan-07	7011116	MP
11104-28-2	PCB 1221	BRL		µg/l	0.0222	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0222	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0222	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0222	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0222	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0222	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0222	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0222	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*55.0*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70.3*		*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	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	11.1	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW SA57049-08	31-88	Ground Water	17-Jan-07 00:00	18-Jan-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											
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	11.1	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	22.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	44.4	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW	31-88	Ground Water	17-Jan-07 00:00	18-Jan-07
SA57049-08				

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 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	44.4	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	44.4	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	11.1	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	11.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*68.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*68.7*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57.6*		*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	"	23-Jan-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*	*69.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*82.3*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Jan-07	20-Jan-07	7011181	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0624		mg/l	0.0050	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
IWT-17 GW	31-88	Ground Water	17-Jan-07 00:00	18-Jan-07
SA57049-08				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	SW846 6010B	19-Jan-07	20-Jan-07	7011181	HB
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0814		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0200	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	0.00029		mg/l	0.00020	1	EPA 245.1/7470A	19-Jan-07	22-Jan-07	7011182	YP

APPENDIX E
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-07
SA57049-09				

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 (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
67-64-1	Acetone	BRL		µg/l	20.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-07
SA57049-09				

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											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*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	19-Jan-07	23-Jan-07	7011210	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*	*59.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.012	1	SW846 8081A	19-Jan-07	22-Jan-07	7011117	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-07
SA57049-09				

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 3510C											
319-84-6	a-BHC	BRL		µg/l	0.012	1	SW846 8081A	19-Jan-07	22-Jan-07	7011117	TG
319-85-7	b-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/l	0.012	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.012	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.062	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/l	0.012	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.002	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.012	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.012	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.012	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.012	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.012	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.012	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.012	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.012	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.062	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.012	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.012	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*68.4*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*		*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	18-Jan-07	23-Jan-07	7011116	MP
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)*	*64.8*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*80.0*		*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	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
208-96-8	Acenaphthylene	BRL		µg/l	11.1	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	11.1	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	11.1	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	11.1	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	11.1	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA57049-09	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-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											
50-32-8	Benzo (a) pyrene	BRL		µg/l	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	11.1	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	11.1	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	11.1	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	11.1	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	11.1	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	11.1	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	11.1	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	11.1	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	11.1	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	11.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	11.1	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	11.1	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	11.1	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	11.1	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	11.1	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	11.1	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	11.1	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	11.1	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	11.1	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	11.1	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	22.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	11.1	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	44.4	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-07
SA57049-09				

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 3510C											
98-95-3	Nitrobenzene	BRL		µg/l	11.1	1	SW846 8270C	19-Jan-07	23-Jan-07	7011211	M.B
88-75-5	2-Nitrophenol	BRL		µg/l	11.1	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/l	44.4	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	11.1	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	11.1	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	11.1	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	44.4	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	11.1	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	11.1	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	11.1	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	11.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	11.1	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	11.1	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	11.1	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*69.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*74.6*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*65.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*66.5*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57.2*		*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	"	23-Jan-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*	*69.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*83.2*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	19-Jan-07	20-Jan-07	7011181	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	25-Jan-07	"	LR
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	20-Jan-07	"	HB

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA57049-09	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-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	19-Jan-07	20-Jan-07	7011181	HB
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	0.0200	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	19-Jan-07	22-Jan-07	7011182	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-07
SA57049-10				

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 (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
67-64-1	Acetone	BRL		µg/l	20.0	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	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA57049-10	31-88	Deionized Water	17-Jan-07 00:00	18-Jan-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											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	19-Jan-07	19-Jan-07	7011253	MF
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*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 7011253 - SW846 5030 Water MS										
Blank (7011253-BLK1)										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011253 - SW846 5030 Water MS										
Blank (7011253-BLK1)										
Prepared & Analyzed: 19-Jan-07										
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	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.6*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*54.0*		µg/l		*50.0*		*108*	*70-130*		
LCS (7011253-BS1)										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.1		µg/l		20.0		110	70-130		
Acetone	22.1		µg/l		20.0		110	29.5-156		
Acrylonitrile	18.8		µg/l		20.0		94.0	70-130		
Benzene	20.1		µg/l		20.0		100	70-130		
Bromobenzene	21.3		µg/l		20.0		106	70-130		
Bromochloromethane	21.3		µg/l		20.0		106	70-130		
Bromodichloromethane	23.2		µg/l		20.0		116	70-130		
Bromoform	23.0		µg/l		20.0		115	70-130		
Bromomethane	21.8		µg/l		20.0		109	57.7-151		
2-Butanone (MEK)	18.9		µg/l		20.0		94.5	48.9-134		
n-Butylbenzene	19.5		µg/l		20.0		97.5	70-130		
sec-Butylbenzene	21.7		µg/l		20.0		108	70-130		
tert-Butylbenzene	21.5		µg/l		20.0		108	70-130		
Carbon disulfide	18.7		µg/l		20.0		93.5	70-130		
Carbon tetrachloride	22.7		µg/l		20.0		114	70-130		
Chlorobenzene	21.0		µg/l		20.0		105	70-130		
Chloroethane	17.7		µg/l		20.0		88.5	56.9-145		
Chloroform	22.2		µg/l		20.0		111	70-130		
Chloromethane	18.2		µg/l		20.0		91.0	70-130		
2-Chlorotoluene	20.9		µg/l		20.0		104	70-130		
4-Chlorotoluene	20.9		µg/l		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	23.9		µg/l		20.0		120	70-130		
Dibromochloromethane	25.7		µg/l		20.0		128	61.5-142		
1,2-Dibromoethane (EDB)	21.7		µg/l		20.0		108	70-130		
Dibromomethane	21.6		µg/l		20.0		108	70-130		
1,2-Dichlorobenzene	21.3		µg/l		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 7011253 - SW846 5030 Water MS										
LCS (7011253-BS1)										
Prepared & Analyzed: 19-Jan-07										
1,3-Dichlorobenzene	22.2		µg/l		20.0		111	70-130		
1,4-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	24.0		µg/l		20.0		120	36.6-187		
1,1-Dichloroethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichloroethane	22.1		µg/l		20.0		110	70-130		
1,1-Dichloroethene	18.8		µg/l		20.0		94.0	70-130		
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	20.8		µg/l		20.0		104	70-130		
1,2-Dichloropropane	19.9		µg/l		20.0		99.5	70-130		
1,3-Dichloropropane	21.2		µg/l		20.0		106	70-130		
2,2-Dichloropropane	21.4		µg/l		20.0		107	70-130		
1,1-Dichloropropene	20.8		µg/l		20.0		104	70-130		
cis-1,3-Dichloropropene	22.1		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	22.6		µg/l		20.0		113	70-130		
Ethylbenzene	20.9		µg/l		20.0		104	70-130		
Hexachlorobutadiene	23.1		µg/l		20.0		116	68.7-142		
2-Hexanone (MBK)	19.7		µg/l		20.0		98.5	56.3-131		
Isopropylbenzene	19.7		µg/l		20.0		98.5	70-130		
4-Isopropyltoluene	22.6		µg/l		20.0		113	70-130		
Methyl tert-butyl ether	22.5		µg/l		20.0		112	70-130		
4-Methyl-2-pentanone (MIBK)	19.8		µg/l		20.0		99.0	55.2-129		
Methylene chloride	18.7		µg/l		20.0		93.5	70-130		
Naphthalene	13.4	QC2	µg/l		20.0		67.0	70-130		
n-Propylbenzene	20.6		µg/l		20.0		103	70-130		
Styrene	21.4		µg/l		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	23.0		µg/l		20.0		115	70-130		
1,1,2,2-Tetrachloroethane	21.0		µg/l		20.0		105	70-130		
Tetrachloroethene	20.1		µg/l		20.0		100	70-130		
Toluene	19.7		µg/l		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	12.5	QC2	µg/l		20.0		62.5	70-130		
1,2,4-Trichlorobenzene	11.8	QC2	µg/l		20.0		59.0	70-130		
1,1,1-Trichloroethane	21.9		µg/l		20.0		110	70-130		
1,1,2-Trichloroethane	21.7		µg/l		20.0		108	70-130		
Trichloroethene	19.9		µg/l		20.0		99.5	70-130		
Trichlorofluoromethane (Freon 11)	22.6		µg/l		20.0		113	68-148		
1,2,3-Trichloropropane	23.1		µg/l		20.0		116	70-130		
1,2,4-Trimethylbenzene	22.1		µg/l		20.0		110	70-130		
1,3,5-Trimethylbenzene	21.9		µg/l		20.0		110	70-130		
Vinyl chloride	18.6		µg/l		20.0		93.0	70-130		
m,p-Xylene	42.3		µg/l		40.0		106	70-130		
o-Xylene	21.5		µg/l		20.0		108	70-130		
Tetrahydrofuran	18.4		µg/l		20.0		92.0	70-130		
Ethyl ether	20.5		µg/l		20.0		102	57.6-132		
Tert-amyl methyl ether	21.3		µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	21.3		µg/l		20.0		106	70-130		
Di-isopropyl ether	19.0		µg/l		20.0		95.0	70-130		
Tert-Butanol / butyl alcohol	204		µg/l		200		102	70-130		
1,4-Dioxane	214		µg/l		200		107	45.2-132		
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.9*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*53.7*		µg/l		*50.0*		*107*	*70-130*		
LCS Dup (7011253-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011253 - SW846 5030 Water MS										
Prepared & Analyzed: 19-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0		µg/l		20.0		100	70-130	9.52	25
Acetone	21.7		µg/l		20.0		108	29.5-156	1.83	50
Acrylonitrile	19.2		µg/l		20.0		96.0	70-130	2.11	25
Benzene	18.8		µg/l		20.0		94.0	70-130	6.19	25
Bromobenzene	20.8		µg/l		20.0		104	70-130	1.90	25
Bromochloromethane	20.9		µg/l		20.0		104	70-130	1.90	25
Bromodichloromethane	22.2		µg/l		20.0		111	70-130	4.41	25
Bromoform	23.1		µg/l		20.0		116	70-130	0.866	25
Bromomethane	20.6		µg/l		20.0		103	57.7-151	5.66	50
2-Butanone (MEK)	21.4		µg/l		20.0		107	48.9-134	12.4	50
n-Butylbenzene	18.1		µg/l		20.0		90.5	70-130	7.45	25
sec-Butylbenzene	20.1		µg/l		20.0		100	70-130	7.69	25
tert-Butylbenzene	20.3		µg/l		20.0		102	70-130	5.71	25
Carbon disulfide	17.1		µg/l		20.0		85.5	70-130	8.94	25
Carbon tetrachloride	21.2		µg/l		20.0		106	70-130	7.27	25
Chlorobenzene	20.1		µg/l		20.0		100	70-130	4.88	25
Chloroethane	16.7		µg/l		20.0		83.5	56.9-145	5.81	50
Chloroform	21.4		µg/l		20.0		107	70-130	3.67	25
Chloromethane	16.4		µg/l		20.0		82.0	70-130	10.4	25
2-Chlorotoluene	19.8		µg/l		20.0		99.0	70-130	4.93	25
4-Chlorotoluene	20.2		µg/l		20.0		101	70-130	2.93	25
1,2-Dibromo-3-chloropropane	23.5		µg/l		20.0		118	70-130	1.68	25
Dibromochloromethane	25.6		µg/l		20.0		128	61.5-142	0.00	50
1,2-Dibromoethane (EDB)	21.5		µg/l		20.0		108	70-130	0.00	25
Dibromomethane	21.2		µg/l		20.0		106	70-130	1.87	25
1,2-Dichlorobenzene	20.7		µg/l		20.0		104	70-130	1.90	25
1,3-Dichlorobenzene	21.2		µg/l		20.0		106	70-130	4.61	25
1,4-Dichlorobenzene	19.5		µg/l		20.0		97.5	70-130	6.45	25
Dichlorodifluoromethane (Freon12)	21.8		µg/l		20.0		109	36.6-187	9.61	50
1,1-Dichloroethane	19.4		µg/l		20.0		97.0	70-130	6.97	25
1,2-Dichloroethane	21.5		µg/l		20.0		108	70-130	1.83	25
1,1-Dichloroethene	17.1		µg/l		20.0		85.5	70-130	9.47	25
cis-1,2-Dichloroethene	21.2		µg/l		20.0		106	70-130	2.79	25
trans-1,2-Dichloroethene	19.7		µg/l		20.0		98.5	70-130	5.43	25
1,2-Dichloropropane	19.5		µg/l		20.0		97.5	70-130	2.03	25
1,3-Dichloropropane	21.3		µg/l		20.0		106	70-130	0.00	25
2,2-Dichloropropane	19.9		µg/l		20.0		99.5	70-130	7.26	25
1,1-Dichloropropene	19.2		µg/l		20.0		96.0	70-130	8.00	25
cis-1,3-Dichloropropene	21.6		µg/l		20.0		108	70-130	1.83	25
trans-1,3-Dichloropropene	21.7		µg/l		20.0		108	70-130	4.52	25
Ethylbenzene	20.0		µg/l		20.0		100	70-130	3.92	25
Hexachlorobutadiene	20.5		µg/l		20.0		102	68.7-142	12.8	50
2-Hexanone (MBK)	19.1		µg/l		20.0		95.5	56.3-131	3.09	25
Isopropylbenzene	18.7		µg/l		20.0		93.5	70-130	5.21	25
4-Isopropyltoluene	21.0		µg/l		20.0		105	70-130	7.34	25
Methyl tert-butyl ether	22.3		µg/l		20.0		112	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/l		20.0		98.0	55.2-129	1.02	50
Methylene chloride	18.2		µg/l		20.0		91.0	70-130	2.71	25
Naphthalene	13.1	QC2	µg/l		20.0		65.5	70-130	2.26	25
n-Propylbenzene	19.4		µg/l		20.0		97.0	70-130	6.00	25
Styrene	21.0		µg/l		20.0		105	70-130	1.89	25
1,1,1,2-Tetrachloroethane	22.0		µg/l		20.0		110	70-130	4.44	25
1,1,2,2-Tetrachloroethane	21.0		µg/l		20.0		105	70-130	0.00	25
Tetrachloroethene	19.0		µg/l		20.0		95.0	70-130	5.13	25
Toluene	18.7		µg/l		20.0		93.5	70-130	5.21	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011253 - SW846 5030 Water MS										
LCS Dup (7011253-BSD1)										
Prepared & Analyzed: 19-Jan-07										
1,2,3-Trichlorobenzene	11.8	QC2	µg/l		20.0		59.0	70-130	5.76	25
1,2,4-Trichlorobenzene	11.2	QC2	µg/l		20.0		56.0	70-130	5.22	25
1,1,1-Trichloroethane	20.8		µg/l		20.0		104	70-130	5.61	25
1,1,2-Trichloroethane	21.9		µg/l		20.0		110	70-130	1.83	25
Trichloroethene	19.3		µg/l		20.0		96.5	70-130	3.06	25
Trichlorofluoromethane (Freon 11)	20.6		µg/l		20.0		103	68-148	9.26	50
1,2,3-Trichloropropane	23.5		µg/l		20.0		118	70-130	1.71	25
1,2,4-Trimethylbenzene	21.0		µg/l		20.0		105	70-130	4.65	25
1,3,5-Trimethylbenzene	20.7		µg/l		20.0		104	70-130	5.61	25
Vinyl chloride	16.9		µg/l		20.0		84.5	70-130	9.58	25
m,p-Xylene	40.0		µg/l		40.0		100	70-130	5.83	25
o-Xylene	20.8		µg/l		20.0		104	70-130	3.77	25
Tetrahydrofuran	18.4		µg/l		20.0		92.0	70-130	0.00	25
Ethyl ether	19.8		µg/l		20.0		99.0	57.6-132	2.99	50
Tert-amyl methyl ether	21.9		µg/l		20.0		110	70-130	3.70	25
Ethyl tert-butyl ether	20.7		µg/l		20.0		104	70-130	1.90	25
Di-isopropyl ether	18.5		µg/l		20.0		92.5	70-130	2.67	25
Tert-Butanol / butyl alcohol	197		µg/l		200		98.5	70-130	3.49	25
1,4-Dioxane	236		µg/l		200		118	45.2-132	9.78	25
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.6*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.9*		µg/l		*50.0*		*108*	*70-130*		
Matrix Spike (7011253-MS1) **Source: SA56813-04**										
Prepared & Analyzed: 19-Jan-07										
Benzene	16.9		µg/l		20.0	BRL	84.5	70-130		
Chlorobenzene	18.8		µg/l		20.0	BRL	94.0	70-130		
1,1-Dichloroethene	17.7		µg/l		20.0	BRL	88.5	70-130		
Toluene	17.3		µg/l		20.0	BRL	86.5	70-130		
Trichloroethene	20.1		µg/l		20.0	1.59	92.6	70-130		
Surrogate: 4-Bromofluorobenzene	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.2*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*52.9*		µg/l		*50.0*		*106*	*70-130*		
Batch 7011315 - SW846 5035A Soil (low level)										
Blank (7011315-BLK1)										
Prepared & Analyzed: 22-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011315 - SW846 5035A Soil (low level)										
Blank (7011315-BLK1)										
Prepared & Analyzed: 22-Jan-07										
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						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011315 - SW846 5035A Soil (low level)										
Blank (7011315-BLK1)										
Prepared & Analyzed: 22-Jan-07										
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	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
Surrogate: Toluene-d8	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.0*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (7011315-BS1)										
Prepared & Analyzed: 22-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.0		µg/kg wet		20.0		120	70-130		
Acetone	22.4		µg/kg wet		20.0		112	3.31-159		
Acrylonitrile	21.3		µg/kg wet		20.0		106	70-130		
Benzene	21.1		µg/kg wet		20.0		106	70-130		
Bromobenzene	20.5		µg/kg wet		20.0		102	70-130		
Bromochloromethane	22.8		µg/kg wet		20.0		114	70-130		
Bromodichloromethane	22.9		µg/kg wet		20.0		114	70-130		
Bromoform	17.0		µg/kg wet		20.0		85.0	70-130		
Bromomethane	25.7		µg/kg wet		20.0		128	50-140		
2-Butanone (MEK)	17.9		µg/kg wet		20.0		89.5	47.7-127		
n-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130		
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130		
tert-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Carbon disulfide	21.5		µg/kg wet		20.0		108	70-130		
Carbon tetrachloride	23.0		µg/kg wet		20.0		115	70-130		
Chlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Chloroethane	21.2		µg/kg wet		20.0		106	55.9-135		
Chloroform	25.8		µg/kg wet		20.0		129	70-130		
Chloromethane	24.4		µg/kg wet		20.0		122	70-130		
2-Chlorotoluene	21.2		µg/kg wet		20.0		106	70-130		
4-Chlorotoluene	21.3		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	23.0		µg/kg wet		20.0		115	70-130		
Dibromochloromethane	20.9		µg/kg wet		20.0		104	72-125		
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95.0	70-130		
Dibromomethane	23.8		µg/kg wet		20.0		119	70-130		
1,2-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,3-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	24.2		µg/kg wet		20.0		121	42.3-190		
1,1-Dichloroethane	23.2		µg/kg wet		20.0		116	70-130		
1,2-Dichloroethane	23.2		µg/kg wet		20.0		116	70-130		
1,1-Dichloroethene	23.4		µg/kg wet		20.0		117	70-130		
cis-1,2-Dichloroethene	23.1		µg/kg wet		20.0		116	70-130		
trans-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichloropropane	22.3		µg/kg wet		20.0		112	70-130		
1,3-Dichloropropane	20.5		µg/kg wet		20.0		102	70-130		
2,2-Dichloropropane	22.1		µg/kg wet		20.0		110	70-130		
1,1-Dichloropropene	21.9		µg/kg wet		20.0		110	70-130		
cis-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130		
trans-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130		
Ethylbenzene	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 7011315 - SW846 5035A Soil (low level)										
LCS (7011315-BS1)										
Prepared & Analyzed: 22-Jan-07										
Hexachlorobutadiene	18.5		µg/kg wet		20.0		92.5	70-137		
2-Hexanone (MBK)	16.8		µg/kg wet		20.0		84.0	70-130		
Isopropylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130		
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98.5	70-130		
4-Methyl-2-pentanone (MIBK)	17.6		µg/kg wet		20.0		88.0	48.5-127		
Methylene chloride	23.0		µg/kg wet		20.0		115	70-130		
Naphthalene	20.9		µg/kg wet		20.0		104	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	20.7		µg/kg wet		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	18.3		µg/kg wet		20.0		91.5	70-130		
1,1,2,2-Tetrachloroethane	18.2		µg/kg wet		20.0		91.0	70-130		
Tetrachloroethene	18.8		µg/kg wet		20.0		94.0	70-130		
Toluene	20.6		µg/kg wet		20.0		103	70-130		
1,2,3-Trichlorobenzene	20.3		µg/kg wet		20.0		102	70-130		
1,2,4-Trichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130		
1,1,2-Trichloroethane	21.2		µg/kg wet		20.0		106	70-130		
Trichloroethene	20.9		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	24.5		µg/kg wet		20.0		122	66.5-144		
1,2,3-Trichloropropane	22.8		µg/kg wet		20.0		114	70-130		
1,2,4-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		98.5	70-130		
Vinyl chloride	25.6		µg/kg wet		20.0		128	70-130		
m,p-Xylene	40.9		µg/kg wet		40.0		102	70-130		
o-Xylene	21.2		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	20.9		µg/kg wet		20.0		104	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	64.9-123		
Tert-amyl methyl ether	16.4		µg/kg wet		20.0		82.0	70-130		
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		94.5	70-130		
Di-isopropyl ether	17.6		µg/kg wet		20.0		88.0	70-130		
Tert-Butanol / butyl alcohol	175		µg/kg wet		200		87.5	70-130		
1,4-Dioxane	212		µg/kg wet		200		106	40-134		
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*53.1*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.8*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*58.9*		µg/kg wet		*50.0*		*118*	*70-130*		
LCS Dup (7011315-BSD1)										
Prepared & Analyzed: 22-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.0		µg/kg wet		20.0		105	70-130	13.3	25
Acetone	30.9		µg/kg wet		20.0		154	3.31-159	31.6	50
Acrylonitrile	19.6		µg/kg wet		20.0		98.0	70-130	7.84	25
Benzene	20.4		µg/kg wet		20.0		102	70-130	3.85	25
Bromobenzene	19.6		µg/kg wet		20.0		98.0	70-130	4.00	25
Bromochloromethane	18.9		µg/kg wet		20.0		94.5	70-130	18.7	25
Bromodichloromethane	21.2		µg/kg wet		20.0		106	70-130	7.27	25
Bromoform	18.7		µg/kg wet		20.0		93.5	70-130	9.52	25
Bromomethane	20.6		µg/kg wet		20.0		103	50-140	21.6	50
2-Butanone (MEK)	19.7		µg/kg wet		20.0		98.5	47.7-127	9.57	50
n-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	5.50	25
sec-Butylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	7.92	25
tert-Butylbenzene	19.2		µg/kg wet		20.0		96.0	70-130	5.08	25
Carbon disulfide	18.2		µg/kg wet		20.0		91.0	70-130	17.1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011315 - SW846 5035A Soil (low level)										
LCS Dup (7011315-BSD1)										
Prepared & Analyzed: 22-Jan-07										
Carbon tetrachloride	20.7		µg/kg wet		20.0		104	70-130	10.0	25
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130	1.98	25
Chloroethane	20.7		µg/kg wet		20.0		104	55.9-135	1.90	50
Chloroform	22.7		µg/kg wet		20.0		114	70-130	12.3	25
Chloromethane	20.9		µg/kg wet		20.0		104	70-130	15.9	25
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	5.83	25
4-Chlorotoluene	19.9		µg/kg wet		20.0		99.5	70-130	6.33	25
1,2-Dibromo-3-chloropropane	19.1		µg/kg wet		20.0		95.5	70-130	18.5	25
Dibromochloromethane	21.5		µg/kg wet		20.0		108	72-125	3.77	50
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130	7.11	25
Dibromomethane	21.9		µg/kg wet		20.0		110	70-130	7.86	25
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	1.98	25
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	2.93	25
1,4-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	5.66	25
Dichlorodifluoromethane (Freon12)	25.9		µg/kg wet		20.0		130	42.3-190	7.17	50
1,1-Dichloroethane	20.3		µg/kg wet		20.0		102	70-130	12.8	25
1,2-Dichloroethane	21.9		µg/kg wet		20.0		110	70-130	5.31	25
1,1-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130	23.4	25
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	10.9	25
trans-1,2-Dichloroethene	19.0		µg/kg wet		20.0		95.0	70-130	10.0	25
1,2-Dichloropropane	21.4		µg/kg wet		20.0		107	70-130	4.57	25
1,3-Dichloropropane	21.3		µg/kg wet		20.0		106	70-130	3.85	25
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96.0	70-130	13.6	25
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	5.61	25
cis-1,3-Dichloropropene	21.7		µg/kg wet		20.0		108	70-130	1.87	25
trans-1,3-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	2.99	25
Ethylbenzene	20.0		µg/kg wet		20.0		100	70-130	3.92	25
Hexachlorobutadiene	19.4		µg/kg wet		20.0		97.0	70-137	4.75	50
2-Hexanone (MBK)	20.5		µg/kg wet		20.0		102	70-130	19.4	25
Isopropylbenzene	18.4		µg/kg wet		20.0		92.0	70-130	2.15	25
4-Isopropyltoluene	22.2		µg/kg wet		20.0		111	70-130	4.61	25
Methyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130	4.47	25
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98.0	48.5-127	10.8	50
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130	14.0	25
Naphthalene	21.8		µg/kg wet		20.0		109	70-130	4.69	25
n-Propylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	4.51	25
Styrene	19.8		µg/kg wet		20.0		99.0	70-130	4.93	25
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95.0	70-130	3.75	25
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130	13.3	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92.5	70-130	1.61	25
Toluene	20.2		µg/kg wet		20.0		101	70-130	1.96	25
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130	1.94	25
1,2,4-Trichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	1.96	25
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	14.7	25
1,1,2-Trichloroethane	23.9		µg/kg wet		20.0		120	70-130	12.4	25
Trichloroethene	21.6		µg/kg wet		20.0		108	70-130	3.77	25
Trichlorofluoromethane (Freon 11)	21.8		µg/kg wet		20.0		109	66.5-144	11.3	50
1,2,3-Trichloropropane	23.9		µg/kg wet		20.0		120	70-130	5.13	25
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98.5	70-130	5.43	25
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96.0	70-130	2.57	25
Vinyl chloride	24.9		µg/kg wet		20.0		124	70-130	3.17	25
m,p-Xylene	39.0		µg/kg wet		40.0		97.5	70-130	4.51	25
o-Xylene	20.3		µg/kg wet		20.0		102	70-130	3.85	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011315 - SW846 5035A Soil (low level)										
LCS Dup (7011315-BSD1)										
Prepared & Analyzed: 22-Jan-07										
Tetrahydrofuran	19.9		µg/kg wet		20.0		99.5	70-130	4.42	25
Ethyl ether	19.4		µg/kg wet		20.0		97.0	64.9-123	6.97	50
Tert-amyl methyl ether	18.5		µg/kg wet		20.0		92.5	70-130	12.0	25
Ethyl tert-butyl ether	21.4		µg/kg wet		20.0		107	70-130	12.4	25
Di-isopropyl ether	19.6		µg/kg wet		20.0		98.0	70-130	10.8	25
Tert-Butanol / butyl alcohol	203		µg/kg wet		200		102	70-130	15.3	25
1,4-Dioxane	249		µg/kg wet		200		124	40-134	15.7	25
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/kg wet		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.9*		µg/kg wet		*50.0*		*99.8*	*70-130*		
Surrogate: Dibromofluoromethane	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Batch 7011372 - SW846 5035A Soil (low level)										
Blank (7011372-BLK1)										
Prepared & Analyzed: 23-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011372 - SW846 5035A Soil (low level)										
Blank (7011372-BLK1)										
Prepared & Analyzed: 23-Jan-07										
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	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.4*		µg/kg wet		*50.0*		*117*	*70-130*		
Surrogate: Dibromofluoromethane	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
LCS (7011372-BS1)										
Prepared & Analyzed: 23-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.4		µg/kg wet		20.0		102	70-130		
Acetone	31.1		µg/kg wet		20.0		156	3.31-159		
Acrylonitrile	22.3		µg/kg wet		20.0		112	70-130		
Benzene	19.5		µg/kg wet		20.0		97.5	70-130		
Bromobenzene	18.3		µg/kg wet		20.0		91.5	70-130		
Bromochloromethane	19.4		µg/kg wet		20.0		97.0	70-130		
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130		
Bromoform	17.6		µg/kg wet		20.0		88.0	70-130		
Bromomethane	23.0		µg/kg wet		20.0		115	50-140		
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94.0	47.7-127		
n-Butylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
sec-Butylbenzene	18.6		µg/kg wet		20.0		93.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011372 - SW846 5035A Soil (low level)										
LCS (7011372-BS1)										
Prepared & Analyzed: 23-Jan-07										
tert-Butylbenzene	18.4		µg/kg wet		20.0		92.0	70-130		
Carbon disulfide	17.9		µg/kg wet		20.0		89.5	70-130		
Carbon tetrachloride	19.1		µg/kg wet		20.0		95.5	70-130		
Chlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
Chloroethane	21.5		µg/kg wet		20.0		108	55.9-135		
Chloroform	22.7		µg/kg wet		20.0		114	70-130		
Chloromethane	22.0		µg/kg wet		20.0		110	70-130		
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130		
4-Chlorotoluene	19.9		µg/kg wet		20.0		99.5	70-130		
1,2-Dibromo-3-chloropropane	22.3		µg/kg wet		20.0		112	70-130		
Dibromochloromethane	19.5		µg/kg wet		20.0		97.5	72-125		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	20.5		µg/kg wet		20.0		102	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		97.5	70-130		
1,3-Dichlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	22.4		µg/kg wet		20.0		112	42.3-190		
1,1-Dichloroethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
cis-1,2-Dichloroethene	21.9		µg/kg wet		20.0		110	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99.0	70-130		
1,2-Dichloropropane	20.9		µg/kg wet		20.0		104	70-130		
1,3-Dichloropropane	20.1		µg/kg wet		20.0		100	70-130		
2,2-Dichloropropane	19.3		µg/kg wet		20.0		96.5	70-130		
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130		
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99.0	70-130		
trans-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.3		µg/kg wet		20.0		96.5	70-130		
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87.0	70-137		
2-Hexanone (MBK)	19.2		µg/kg wet		20.0		96.0	70-130		
Isopropylbenzene	17.7		µg/kg wet		20.0		88.5	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		95.5	70-130		
Methyl tert-butyl ether	18.9		µg/kg wet		20.0		94.5	70-130		
4-Methyl-2-pentanone (MIBK)	16.7		µg/kg wet		20.0		83.5	48.5-127		
Methylene chloride	21.1		µg/kg wet		20.0		106	70-130		
Naphthalene	19.0		µg/kg wet		20.0		95.0	70-130		
n-Propylbenzene	19.0		µg/kg wet		20.0		95.0	70-130		
Styrene	19.2		µg/kg wet		20.0		96.0	70-130		
1,1,1,2-Tetrachloroethane	18.1		µg/kg wet		20.0		90.5	70-130		
1,1,2,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
Tetrachloroethene	18.3		µg/kg wet		20.0		91.5	70-130		
Toluene	20.6		µg/kg wet		20.0		103	70-130		
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,2,4-Trichlorobenzene	18.1		µg/kg wet		20.0		90.5	70-130		
1,1,1-Trichloroethane	19.5		µg/kg wet		20.0		97.5	70-130		
1,1,2-Trichloroethane	20.3		µg/kg wet		20.0		102	70-130		
Trichloroethene	19.9		µg/kg wet		20.0		99.5	70-130		
Trichlorofluoromethane (Freon 11)	20.5		µg/kg wet		20.0		102	66.5-144		
1,2,3-Trichloropropane	19.8		µg/kg wet		20.0		99.0	70-130		
1,2,4-Trimethylbenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,3,5-Trimethylbenzene	18.7		µg/kg wet		20.0		93.5	70-130		
Vinyl chloride	22.8		µg/kg wet		20.0		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 7011372 - SW846 5035A Soil (low level)										
LCS (7011372-BS1)										
Prepared & Analyzed: 23-Jan-07										
m,p-Xylene	39.1		µg/kg wet		40.0		97.8	70-130		
o-Xylene	19.9		µg/kg wet		20.0		99.5	70-130		
Tetrahydrofuran	19.6		µg/kg wet		20.0		98.0	70-130		
Ethyl ether	18.9		µg/kg wet		20.0		94.5	64.9-123		
Tert-amyl methyl ether	19.6		µg/kg wet		20.0		98.0	70-130		
Ethyl tert-butyl ether	18.4		µg/kg wet		20.0		92.0	70-130		
Di-isopropyl ether	18.0		µg/kg wet		20.0		90.0	70-130		
Tert-Butanol / butyl alcohol	170		µg/kg wet		200		85.0	70-130		
1,4-Dioxane	211		µg/kg wet		200		106	40-134		
Surrogate: 4-Bromofluorobenzene	*49.2*		µg/kg wet		*50.0*		*98.4*	*70-130*		
Surrogate: Toluene-d8	*53.6*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*51.7*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (7011372-BSD1)										
Prepared & Analyzed: 23-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/kg wet		20.0		90.5	70-130	11.9	25
Acetone	21.2		µg/kg wet		20.0		106	3.31-159	38.2	50
Acrylonitrile	20.1		µg/kg wet		20.0		100	70-130	11.3	25
Benzene	19.6		µg/kg wet		20.0		98.0	70-130	0.512	25
Bromobenzene	19.3		µg/kg wet		20.0		96.5	70-130	5.32	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	3.05	25
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130	3.81	25
Bromoform	19.2		µg/kg wet		20.0		96.0	70-130	8.70	25
Bromomethane	19.7		µg/kg wet		20.0		98.5	50-140	15.5	50
2-Butanone (MEK)	22.0		µg/kg wet		20.0		110	47.7-127	15.7	50
n-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130	3.05	25
sec-Butylbenzene	18.0		µg/kg wet		20.0		90.0	70-130	3.28	25
tert-Butylbenzene	17.5		µg/kg wet		20.0		87.5	70-130	5.01	25
Carbon disulfide	16.9		µg/kg wet		20.0		84.5	70-130	5.75	25
Carbon tetrachloride	18.4		µg/kg wet		20.0		92.0	70-130	3.73	25
Chlorobenzene	19.4		µg/kg wet		20.0		97.0	70-130	0.514	25
Chloroethane	18.2		µg/kg wet		20.0		91.0	55.9-135	17.1	50
Chloroform	21.0		µg/kg wet		20.0		105	70-130	8.22	25
Chloromethane	20.1		µg/kg wet		20.0		100	70-130	9.52	25
2-Chlorotoluene	19.0		µg/kg wet		20.0		95.0	70-130	6.12	25
4-Chlorotoluene	19.6		µg/kg wet		20.0		98.0	70-130	1.52	25
1,2-Dibromo-3-chloropropane	22.0		µg/kg wet		20.0		110	70-130	1.80	25
Dibromochloromethane	20.5		µg/kg wet		20.0		102	72-125	4.51	50
1,2-Dibromoethane (EDB)	20.5		µg/kg wet		20.0		102	70-130	0.00	25
Dibromomethane	21.1		µg/kg wet		20.0		106	70-130	3.85	25
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130	0.512	25
1,3-Dichlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130	3.58	25
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	3.92	25
Dichlorodifluoromethane (Freon12)	23.2		µg/kg wet		20.0		116	42.3-190	3.51	50
1,1-Dichloroethane	19.2		µg/kg wet		20.0		96.0	70-130	4.08	25
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130	2.84	25
1,1-Dichloroethene	18.0		µg/kg wet		20.0		90.0	70-130	8.51	25
cis-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99.0	70-130	10.5	25
trans-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86.0	70-130	14.1	25
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99.0	70-130	4.93	25
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130	5.83	25
2,2-Dichloropropane	17.9		µg/kg wet		20.0		89.5	70-130	7.53	25
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95.5	70-130	4.83	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011372 - SW846 5035A Soil (low level)										
LCS Dup (7011372-BSD1)										
Prepared & Analyzed: 23-Jan-07										
cis-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130	6.83	25
trans-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130	3.85	25
Ethylbenzene	19.0		µg/kg wet		20.0		95.0	70-130	1.57	25
Hexachlorobutadiene	17.0		µg/kg wet		20.0		85.0	70-137	2.33	50
2-Hexanone (MBK)	19.5		µg/kg wet		20.0		97.5	70-130	1.55	25
Isopropylbenzene	17.6		µg/kg wet		20.0		88.0	70-130	0.567	25
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130	6.58	25
Methyl tert-butyl ether	19.7		µg/kg wet		20.0		98.5	70-130	4.15	25
4-Methyl-2-pentanone (MIBK)	20.0		µg/kg wet		20.0		100	48.5-127	18.0	50
Methylene chloride	19.3		µg/kg wet		20.0		96.5	70-130	9.38	25
Naphthalene	22.1		µg/kg wet		20.0		110	70-130	14.6	25
n-Propylbenzene	18.8		µg/kg wet		20.0		94.0	70-130	1.06	25
Styrene	19.0		µg/kg wet		20.0		95.0	70-130	1.05	25
1,1,1,2-Tetrachloroethane	19.8		µg/kg wet		20.0		99.0	70-130	8.97	25
1,1,2,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98.5	70-130	3.62	25
Tetrachloroethene	18.7		µg/kg wet		20.0		93.5	70-130	2.16	25
Toluene	18.8		µg/kg wet		20.0		94.0	70-130	9.14	25
1,2,3-Trichlorobenzene	18.9		µg/kg wet		20.0		94.5	70-130	1.06	25
1,2,4-Trichlorobenzene	19.0		µg/kg wet		20.0		95.0	70-130	4.85	25
1,1,1-Trichloroethane	19.1		µg/kg wet		20.0		95.5	70-130	2.07	25
1,1,2-Trichloroethane	21.8		µg/kg wet		20.0		109	70-130	6.64	25
Trichloroethene	19.1		µg/kg wet		20.0		95.5	70-130	4.10	25
Trichlorofluoromethane (Freon 11)	19.2		µg/kg wet		20.0		96.0	66.5-144	6.06	50
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130	12.3	25
1,2,4-Trimethylbenzene	19.1		µg/kg wet		20.0		95.5	70-130	2.12	25
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94.0	70-130	0.533	25
Vinyl chloride	22.4		µg/kg wet		20.0		112	70-130	1.77	25
m,p-Xylene	38.8		µg/kg wet		40.0		97.0	70-130	0.821	25
o-Xylene	18.9		µg/kg wet		20.0		94.5	70-130	5.15	25
Tetrahydrofuran	21.1		µg/kg wet		20.0		106	70-130	7.84	25
Ethyl ether	19.7		µg/kg wet		20.0		98.5	64.9-123	4.15	50
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96.0	70-130	2.06	25
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130	14.1	25
Di-isopropyl ether	18.6		µg/kg wet		20.0		93.0	70-130	3.28	25
Tert-Butanol / butyl alcohol	188		µg/kg wet		200		94.0	70-130	10.1	25
1,4-Dioxane	225		µg/kg wet		200		112	40-134	5.50	25
Surrogate: 4-Bromofluorobenzene	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Toluene-d8	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011124 - SW846 3550B										
Blank (7011124-BLK1)										
Prepared: 18-Jan-07 Analyzed: 19-Jan-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	*2.57*		mg/kg wet		*3.33*		*77.2*	*40-140*		
LCS (7011124-BS1)										
Prepared: 18-Jan-07 Analyzed: 19-Jan-07										
C9-C36 Aliphatic Hydrocarbons	76.1		mg/kg wet	13.3	93.3		81.6	60-120		
Surrogate: 1-Chlorooctadecane	*3.06*		mg/kg wet		*3.33*		*91.9*	*60-120*		
Duplicate (7011124-DUP1) **Source: SA56999-28**										
Prepared: 18-Jan-07 Analyzed: 19-Jan-07										
Gasoline	BRL		mg/kg dry	30.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	30.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	30.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	30.2		BRL				50
Motor Oil	BRL		mg/kg dry	30.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	30.2		BRL				50
Unidentified	BRL		mg/kg dry	30.2		BRL				50
Other Oil	BRL		mg/kg dry	30.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.2		BRL				50
Surrogate: 1-Chlorooctadecane	*2.86*		mg/kg dry		*3.79*		*75.5*	*40-140*		
Matrix Spike (7011124-MS1) **Source: SA56999-28**										
Prepared: 18-Jan-07 Analyzed: 19-Jan-07										
C9-C36 Aliphatic Hydrocarbons	72.7		mg/kg dry	15.1	106	BRL	68.6	50-150		
Surrogate: 1-Chlorooctadecane	*2.98*		mg/kg dry		*3.78*		*78.8*	*40-140*		
Matrix Spike Dup (7011124-MSD1) **Source: SA56999-28**										
Prepared: 18-Jan-07 Analyzed: 19-Jan-07										
C9-C36 Aliphatic Hydrocarbons	68.5		mg/kg dry	15.1	106	BRL	64.6	50-150	6.01	30
Surrogate: 1-Chlorooctadecane	*2.88*		mg/kg dry		*3.78*		*76.2*	*40-140*		
Batch 7011210 - SW846 3510C										
Blank (7011210-BLK1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-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	*0.0421*		mg/l		*0.0500*		*84.2*	*40-140*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011210 - SW846 3510C										
LCS (7011210-BS1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0509*		mg/l		*0.0500*		*102*	*60-120*		
Batch 7011300 - SW846 3550B										
Blank (7011300-BLK1)										
Prepared: 22-Jan-07 Analyzed: 23-Jan-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	*3.00*		mg/kg wet		*3.33*		*90.1*	*40-140*		
LCS (7011300-BS1)										
Prepared: 22-Jan-07 Analyzed: 23-Jan-07										
C9-C36 Aliphatic Hydrocarbons	82.2		mg/kg wet	13.3	93.3		88.1	60-120		
Surrogate: 1-Chlorooctadecane	*3.18*		mg/kg wet		*3.33*		*95.5*	*60-120*		
Duplicate (7011300-DUP1) **Source: SA57132-01**										
Prepared: 22-Jan-07 Analyzed: 23-Jan-07										
Gasoline	BRL		mg/kg dry	61.6		BRL				50
Fuel Oil #2	BRL		mg/kg dry	61.6		BRL				50
Fuel Oil #4	BRL		mg/kg dry	61.6		BRL				50
Fuel Oil #6	BRL		mg/kg dry	61.6		BRL				50
Motor Oil	BRL		mg/kg dry	61.6		BRL				50
Aviation Fuel	BRL		mg/kg dry	61.6		BRL				50
Unidentified	151		mg/kg dry	61.6		108			33.2	50
Other Oil	Calculated as		mg/kg dry	61.6		BRL				50
Total Petroleum Hydrocarbons	151		mg/kg dry	61.6		108			33.2	50
C9-C36 Aliphatic Hydrocarbons	151		mg/kg dry	61.6		108			33.2	50
Surrogate: 1-Chlorooctadecane	*8.95*		mg/kg dry		*7.72*		*116*	*40-140*		
Matrix Spike (7011300-MS1) **Source: SA57132-01**										
Prepared: 22-Jan-07 Analyzed: 23-Jan-07										
C9-C36 Aliphatic Hydrocarbons	252		mg/kg dry	30.9	217	108	66.4	50-150		
Surrogate: 1-Chlorooctadecane	*7.44*		mg/kg dry		*7.74*		*96.1*	*40-140*		
Matrix Spike Dup (7011300-MSD1) **Source: SA57132-01**										
Prepared: 22-Jan-07 Analyzed: 23-Jan-07										
C9-C36 Aliphatic Hydrocarbons	271		mg/kg dry	31.5	221	108	73.8	50-150	10.6	30
Surrogate: 1-Chlorooctadecane	*6.76*		mg/kg dry		*7.89*		*85.7*	*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 7011116 - SW846 3510C										
Blank (7011116-BLK1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.150*		µg/l		*0.200*		*75.0*	*30-150*		
LCS (7011116-BS1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	2.15		µg/l	0.200	2.50		86.0	40-140		
PCB 1260	2.08		µg/l	0.200	2.50		83.2	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.160*		µg/l		*0.200*		*80.0*	*30-150*		
LCS Dup (7011116-BSD1)										
Prepared & Analyzed: 18-Jan-07										
PCB 1016	2.14		µg/l	0.200	2.50		85.6	40-140	0.466	20
PCB 1260	2.17		µg/l	0.200	2.50		86.8	40-140	4.24	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.170*		µg/l		*0.200*		*85.0*	*30-150*		
Batch 7011117 - SW846 3510C										
Blank (7011117-BLK1)										
Prepared & Analyzed: 19-Jan-07										
Aldrin	BRL		µg/l	0.010						
a-BHC	BRL		µg/l	0.010						
b-BHC	BRL		µg/l	0.010						
d-BHC	BRL		µg/l	0.010						
g-BHC (Lindane)	BRL		µg/l	0.010						
Chlordane	BRL		µg/l	0.050						
4,4-DDD (p,p')	BRL		µg/l	0.010						
4,4-DDE (p,p')	BRL		µg/l	0.010						
4,4-DDT (p,p')	BRL		µg/l	0.010						
Dieldrin	BRL		µg/l	0.010						
Endosulfan I	BRL		µg/l	0.010						
Endosulfan II	BRL		µg/l	0.010						
Endosulfan Sulfate	BRL		µg/l	0.010						
Endrin	BRL		µg/l	0.010						
Endrin Aldehyde	BRL		µg/l	0.010						
Heptachlor	BRL		µg/l	0.010						
Methoxychlor	BRL		µg/l	0.010						
Heptachlor Epoxide	BRL		µg/l	0.010						
Toxaphene	BRL		µg/l	0.050						
a-Chlordane	BRL		µg/l	0.010						
g-Chlordane	BRL		µg/l	0.010						
Endrin Ketone	BRL		µg/l	0.010						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0166*		µg/l		*0.0200*		*83.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0231*		µg/l		*0.0200*		*116*	*30-150*		
LCS (7011117-BS1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011117 - SW846 3510C										
Prepared & Analyzed: 19-Jan-07										
Aldrin	0.014		µg/l	0.010	0.0200		70.0	40-140		
a-BHC	0.012		µg/l	0.010	0.0200		60.0	40-140		
b-BHC	0.014		µg/l	0.010	0.0200		70.0	40-140		
d-BHC	0.013		µg/l	0.010	0.0200		65.0	40-140		
g-BHC (Lindane)	0.013		µg/l	0.010	0.0200		65.0	40-140		
4,4-DDD (p,p')	0.015		µg/l	0.010	0.0200		75.0	40-140		
4,4-DDE (p,p')	0.014		µg/l	0.010	0.0200		70.0	40-140		
4,4-DDT (p,p')	0.018		µg/l	0.010	0.0200		90.0	40-140		
Dieldrin	0.014		µg/l	0.010	0.0200		70.0	40-140		
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140		
Endosulfan II	0.010		µg/l	0.010	0.0200		50.0	40-140		
Endosulfan Sulfate	0.014		µg/l	0.010	0.0200		70.0	40-140		
Endrin	0.015		µg/l	0.010	0.0200		75.0	40-140		
Endrin Aldehyde	0.016		µg/l	0.010	0.0200		80.0	40-140		
Heptachlor	0.015		µg/l	0.010	0.0200		75.0	40-140		
Methoxychlor	0.019		µg/l	0.010	0.0200		95.0	40-140		
Heptachlor Epoxide	0.014		µg/l	0.010	0.0200		70.0	40-140		
a-Chlordane	0.016		µg/l	0.010	0.0200		80.0	40-140		
g-Chlordane	0.018		µg/l	0.010	0.0200		90.0	40-140		
Endrin Ketone	0.015		µg/l	0.010	0.0200		75.0	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0138*		µg/l		*0.0200*		*69.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0192*		µg/l		*0.0200*		*96.0*	*40-140*		
LCS Dup (7011117-BSD1)										
Prepared & Analyzed: 19-Jan-07										
Aldrin	0.013		µg/l	0.010	0.0200		65.0	40-140	7.41	20
a-BHC	0.012		µg/l	0.010	0.0200		60.0	40-140	0.00	20
b-BHC	0.013		µg/l	0.010	0.0200		65.0	40-140	7.41	20
d-BHC	0.013		µg/l	0.010	0.0200		65.0	40-140	0.00	20
g-BHC (Lindane)	0.013		µg/l	0.010	0.0200		65.0	40-140	0.00	20
4,4-DDD (p,p')	0.013		µg/l	0.010	0.0200		65.0	40-140	14.3	20
4,4-DDE (p,p')	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20
4,4-DDT (p,p')	0.016		µg/l	0.010	0.0200		80.0	40-140	11.8	20
Dieldrin	0.014		µg/l	0.010	0.0200		70.0	40-140	0.00	20
Endosulfan I	0.009		µg/l	0.010	0.0200		45.0	40-140	0.00	20
Endosulfan II	0.011		µg/l	0.010	0.0200		55.0	40-140	9.52	20
Endosulfan Sulfate	0.013		µg/l	0.010	0.0200		65.0	40-140	7.41	20
Endrin	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
Endrin Aldehyde	0.016		µg/l	0.010	0.0200		80.0	40-140	0.00	20
Heptachlor	0.014		µg/l	0.010	0.0200		70.0	40-140	6.90	20
Methoxychlor	0.021		µg/l	0.010	0.0200		105	40-140	10.0	20
Heptachlor Epoxide	0.015		µg/l	0.010	0.0200		75.0	40-140	6.90	20
a-Chlordane	0.017		µg/l	0.010	0.0200		85.0	40-140	6.06	20
g-Chlordane	0.018		µg/l	0.010	0.0200		90.0	40-140	0.00	20
Endrin Ketone	0.015		µg/l	0.010	0.0200		75.0	40-140	0.00	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0137*		µg/l		*0.0200*		*68.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0195*		µg/l		*0.0200*		*97.5*	*40-140*		
Batch 7011122 - SW846 3545A										
Blank (7011122-BLK1)										
Prepared & Analyzed: 18-Jan-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						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011122 - SW846 3545A										
Blank (7011122-BLK1)										
Prepared & Analyzed: 18-Jan-07										
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)	*23.3*		µg/kg wet		*28.6*		*81.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.6*		µg/kg wet		*28.6*		*117*	*30-150*		
LCS (7011122-BS1)										
Prepared & Analyzed: 18-Jan-07										
Aldrin	21.7		µg/kg wet	14.3	28.6		75.9	40-140		
a-BHC	19.3		µg/kg wet	14.3	28.6		67.5	40-140		
b-BHC	22.5		µg/kg wet	14.3	28.6		78.7	40-140		
d-BHC	19.0		µg/kg wet	14.3	28.6		66.4	40-140		
g-BHC (Lindane)	21.0		µg/kg wet	14.3	28.6		73.4	40-140		
4,4-DDD (p,p')	23.0		µg/kg wet	14.3	28.6		80.4	40-140		
4,4-DDE (p,p')	21.8		µg/kg wet	14.3	28.6		76.2	40-140		
4,4-DDT (p,p')	20.7		µg/kg wet	14.3	28.6		72.4	40-140		
Dieldrin	21.9		µg/kg wet	14.3	28.6		76.6	40-140		
Endosulfan I	11.7		µg/kg wet	14.3	28.6		40.9	40-140		
Endosulfan II	12.2		µg/kg wet	14.3	28.6		42.7	40-140		
Endosulfan Sulfate	22.1		µg/kg wet	14.3	28.6		77.3	40-140		
Endrin	22.9		µg/kg wet	14.3	28.6		80.1	40-140		
Endrin Aldehyde	22.5		µg/kg wet	14.3	28.6		78.7	40-140		
Heptachlor	23.5		µg/kg wet	14.3	28.6		82.2	40-140		
Methoxychlor	24.5		µg/kg wet	14.3	28.6		85.7	40-140		
Heptachlor Epoxide	22.5		µg/kg wet	14.3	28.6		78.7	40-140		
a-Chlordane	27.2		µg/kg wet	14.3	28.6		95.1	40-140		
g-Chlordane	28.2		µg/kg wet	14.3	28.6		98.6	40-140		
Endrin Ketone	23.7		µg/kg wet	14.3	28.6		82.9	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.3*		µg/kg wet		*28.6*		*81.5*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*31.2*		µg/kg wet		*28.6*		*109*	*40-140*		
LCS Dup (7011122-BSD1)										
Prepared & Analyzed: 18-Jan-07										
Aldrin	21.9		µg/kg wet	14.3	28.6		76.6	40-140	0.918	30
a-BHC	20.8		µg/kg wet	14.3	28.6		72.7	40-140	7.42	30
b-BHC	22.6		µg/kg wet	14.3	28.6		79.0	40-140	0.380	30
d-BHC	19.9		µg/kg wet	14.3	28.6		69.6	40-140	4.71	30
g-BHC (Lindane)	20.7		µg/kg wet	14.3	28.6		72.4	40-140	1.37	30
4,4-DDD (p,p')	22.6		µg/kg wet	14.3	28.6		79.0	40-140	1.76	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 7011122 - SW846 3545A										
LCS Dup (7011122-BSD1)										
Prepared & Analyzed: 18-Jan-07										
4,4-DDE (p,p')	23.1		µg/kg wet	14.3	28.6		80.8	40-140	5.86	30
4,4-DDT (p,p')	21.3		µg/kg wet	14.3	28.6		74.5	40-140	2.86	30
Dieldrin	23.3		µg/kg wet	14.3	28.6		81.5	40-140	6.20	30
Endosulfan I	12.4		µg/kg wet	14.3	28.6		43.4	40-140	5.93	30
Endosulfan II	12.1		µg/kg wet	14.3	28.6		42.3	40-140	0.941	30
Endosulfan Sulfate	23.1		µg/kg wet	14.3	28.6		80.8	40-140	4.43	30
Endrin	24.3		µg/kg wet	14.3	28.6		85.0	40-140	5.94	30
Endrin Aldehyde	22.1		µg/kg wet	14.3	28.6		77.3	40-140	1.79	30
Heptachlor	23.4		µg/kg wet	14.3	28.6		81.8	40-140	0.488	30
Methoxychlor	23.1		µg/kg wet	14.3	28.6		80.8	40-140	5.89	30
Heptachlor Epoxide	22.8		µg/kg wet	14.3	28.6		79.7	40-140	1.26	30
a-Chlordane	29.5		µg/kg wet	14.3	28.6		103	40-140	7.98	30
g-Chlordane	29.0		µg/kg wet	14.3	28.6		101	40-140	2.40	30
Endrin Ketone	23.5		µg/kg wet	14.3	28.6		82.2	40-140	0.848	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.8*		µg/kg wet		*28.6*		*83.2*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*30.3*		µg/kg wet		*28.6*		*106*	*40-140*		
Duplicate (7011122-DUP1) **Source: SA56907-01**										
Prepared & Analyzed: 18-Jan-07										
Aldrin	BRL		µg/kg dry	15.8		BRL				30
a-BHC	BRL		µg/kg dry	15.8		BRL				30
b-BHC	BRL		µg/kg dry	15.8		BRL				30
d-BHC	BRL		µg/kg dry	15.8		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	15.8		BRL				30
Chlordane	161		µg/kg dry	79.2		128			22.8	30
4,4-DDD (p,p')	4.76	J,QM4	µg/kg dry	15.8		1.49			105	30
4,4-DDE (p,p')	8.58	J	µg/kg dry	15.8		7.02			20.0	30
4,4-DDT (p,p')	69.6	QM4	µg/kg dry	15.8		45.9			41.0	30
Dieldrin	6.41	J	µg/kg dry	15.8		6.09			5.12	30
Endosulfan I	BRL		µg/kg dry	15.8		BRL				30
Endosulfan II	BRL		µg/kg dry	15.8		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	15.8		BRL				30
Endrin	BRL		µg/kg dry	15.8		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	15.8		BRL				30
Heptachlor	BRL		µg/kg dry	15.8		BRL				30
Methoxychlor	BRL		µg/kg dry	15.8		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	15.8		BRL				30
Toxaphene	BRL		µg/kg dry	79.2		BRL				30
a-Chlordane	9.44	J	µg/kg dry	15.8		8.94			5.44	30
g-Chlordane	6.24	J	µg/kg dry	15.8		5.50			12.6	30
Endrin Ketone	BRL		µg/kg dry	15.8		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.5*		µg/kg dry		*31.7*		*83.6*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.5*		µg/kg dry		*31.7*		*112*	*30-150*		
Matrix Spike (7011122-MS1) **Source: SA56907-01**										
Prepared & Analyzed: 18-Jan-07										
Aldrin	24.6		µg/kg dry	15.6	31.2	BRL	78.8	30-150		
a-BHC	22.5		µg/kg dry	15.6	31.2	BRL	72.1	30-150		
b-BHC	27.4		µg/kg dry	15.6	31.2	BRL	87.8	30-150		
d-BHC	23.1		µg/kg dry	15.6	31.2	BRL	74.0	30-150		
g-BHC (Lindane)	27.4		µg/kg dry	15.6	31.2	BRL	87.8	30-150		
4,4-DDD (p,p')	23.1		µg/kg dry	15.6	31.2	1.49	69.3	30-150		
4,4-DDE (p,p')	38.9		µg/kg dry	15.6	31.2	7.02	102	30-150		
4,4-DDT (p,p')	133	QM7	µg/kg dry	15.6	31.2	45.9	279	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 7011122 - SW846 3545A										
Matrix Spike (7011122-MS1) Source: SA56907-01										
Prepared & Analyzed: 18-Jan-07										
Dieldrin	40.6		µg/kg dry	15.6	31.2	6.09	111	30-150		
Endosulfan I	15.5		µg/kg dry	15.6	31.2	BRL	49.7	30-150		
Endosulfan II	17.8		µg/kg dry	15.6	31.2	BRL	57.1	30-150		
Endosulfan Sulfate	21.8		µg/kg dry	15.6	31.2	BRL	69.9	30-150		
Endrin	29.6		µg/kg dry	15.6	31.2	BRL	94.9	30-150		
Endrin Aldehyde	20.9		µg/kg dry	15.6	31.2	BRL	67.0	30-150		
Heptachlor	26.8		µg/kg dry	15.6	31.2	BRL	85.9	30-150		
Methoxychlor	35.7		µg/kg dry	15.6	31.2	BRL	114	30-150		
Heptachlor Epoxide	30.5		µg/kg dry	15.6	31.2	BRL	97.8	30-150		
a-Chlordane	42.9		µg/kg dry	15.6	31.2	8.94	109	30-150		
g-Chlordane	37.1		µg/kg dry	15.6	31.2	5.50	101	30-150		
Endrin Ketone	27.4		µg/kg dry	15.6	31.2	BRL	87.8	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*28.3*		µg/kg dry		*31.2*		*90.7*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.4*		µg/kg dry		*31.2*		*107*	*30-150*		
Matrix Spike Dup (7011122-MSD1) Source: SA56907-01										
Prepared & Analyzed: 18-Jan-07										
Aldrin	24.5		µg/kg dry	15.9	31.7	BRL	77.3	30-150	1.92	30
a-BHC	23.0		µg/kg dry	15.9	31.7	BRL	72.6	30-150	0.691	30
b-BHC	26.9		µg/kg dry	15.9	31.7	BRL	84.9	30-150	3.36	30
d-BHC	22.4		µg/kg dry	15.9	31.7	BRL	70.7	30-150	4.56	30
g-BHC (Lindane)	24.5		µg/kg dry	15.9	31.7	BRL	77.3	30-150	12.7	30
4,4-DDD (p,p')	25.0		µg/kg dry	15.9	31.7	1.49	74.2	30-150	6.83	30
4,4-DDE (p,p')	39.4		µg/kg dry	15.9	31.7	7.02	102	30-150	0.00	30
4,4-DDT (p,p')	161	QM7	µg/kg dry	15.9	31.7	45.9	363	30-150	26.2	30
Dieldrin	36.6		µg/kg dry	15.9	31.7	6.09	96.2	30-150	14.3	30
Endosulfan I	12.8		µg/kg dry	15.9	31.7	BRL	40.4	30-150	20.6	30
Endosulfan II	15.8		µg/kg dry	15.9	31.7	BRL	49.8	30-150	13.7	30
Endosulfan Sulfate	22.4		µg/kg dry	15.9	31.7	BRL	70.7	30-150	1.14	30
Endrin	28.2		µg/kg dry	15.9	31.7	BRL	89.0	30-150	6.42	30
Endrin Aldehyde	22.0		µg/kg dry	15.9	31.7	BRL	69.4	30-150	3.52	30
Heptachlor	28.9		µg/kg dry	15.9	31.7	BRL	91.2	30-150	5.99	30
Methoxychlor	38.9		µg/kg dry	15.9	31.7	BRL	123	30-150	7.59	30
Heptachlor Epoxide	27.6		µg/kg dry	15.9	31.7	BRL	87.1	30-150	11.6	30
a-Chlordane	45.8		µg/kg dry	15.9	31.7	8.94	116	30-150	6.22	50
g-Chlordane	38.0		µg/kg dry	15.9	31.7	5.50	103	30-150	1.96	50
Endrin Ketone	27.9		µg/kg dry	15.9	31.7	BRL	88.0	30-150	0.228	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*27.7*		µg/kg dry		*31.7*		*87.4*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.9*		µg/kg dry		*31.7*		*116*	*30-150*		
Batch 7011214 - SW846 3545A										
Blank (7011214-BLK1)										
Prepared & Analyzed: 19-Jan-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)	*20.0*		µg/kg wet		*28.6*		*69.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.9*		µg/kg wet		*28.6*		*115*	*30-150*		

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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 7011214 - SW846 3545A										
LCS (7011214-BS1)										
Prepared & Analyzed: 19-Jan-07										
PCB 1016	336		µg/kg wet	28.6	357		94.1	40-140		
PCB 1260	336		µg/kg wet	28.6	357		94.1	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*35.7*		µg/kg wet		*28.6*		*125*	*30-150*		
LCS Dup (7011214-BSD1)										
Prepared & Analyzed: 19-Jan-07										
PCB 1016	324		µg/kg wet	28.6	357		90.8	40-140	3.57	30
PCB 1260	331		µg/kg wet	28.6	357		92.7	40-140	1.50	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.6*		µg/kg wet		*28.6*		*135*	*30-150*		
Duplicate (7011214-DUP1) **Source: SA57092-02**										
Prepared & Analyzed: 19-Jan-07										
PCB 1016	BRL		µg/kg dry	30.7		BRL				40
PCB 1221	BRL		µg/kg dry	30.7		BRL				40
PCB 1232	BRL		µg/kg dry	30.7		BRL				40
PCB 1242	BRL		µg/kg dry	30.7		BRL				40
PCB 1248	BRL		µg/kg dry	30.7		BRL				40
PCB 1254	BRL		µg/kg dry	30.7		BRL				40
PCB 1260	BRL		µg/kg dry	30.7		BRL				40
PCB 1262	BRL		µg/kg dry	30.7		BRL				40
PCB 1268	BRL		µg/kg dry	30.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*29.2*		µg/kg dry		*30.7*		*95.1*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.4*		µg/kg dry		*30.7*		*125*	*30-150*		
Matrix Spike (7011214-MS1) **Source: SA57092-02**										
Prepared & Analyzed: 19-Jan-07										
PCB 1016	360		µg/kg dry	31.1	388	BRL	92.8	40-140		
PCB 1260	373		µg/kg dry	31.1	388	BRL	96.1	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.7*		µg/kg dry		*31.0*		*70.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.5*		µg/kg dry		*31.0*		*95.2*	*30-150*		
Matrix Spike Dup (7011214-MSD1) **Source: SA57092-02**										
Prepared & Analyzed: 19-Jan-07										
PCB 1016	354		µg/kg dry	31.3	391	BRL	90.5	40-140	2.51	50
PCB 1260	358		µg/kg dry	31.3	391	BRL	91.6	40-140	4.79	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.3*		µg/kg dry		*31.3*		*64.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.2*		µg/kg dry		*31.3*		*90.1*	*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 7011211 - SW846 3510C										
Blank (7011211-BLK1)										
Prepared & Analyzed: 19-Jan-07										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
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	0.050						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	5.00						
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	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3´-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011211 - SW846 3510C										
Blank (7011211-BLK1)										
Prepared & Analyzed: 19-Jan-07										
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	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	5.00						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*78.8*		µg/l		*100*		*78.8*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*78.8*		µg/l		*100*		*78.8*	*30-130*		
Surrogate: 2-Fluorophenol	*100*		µg/l		*100*		*100*	*15-110*		
Surrogate: Nitrobenzene-d5	*92.5*		µg/l		*100*		*92.5*	*30-130*		
Surrogate: Phenol-d5	*92.2*		µg/l		*100*		*92.2*	*15-110*		
Surrogate: Terphenyl-dl4	*149*	SGC	µg/l		*100*		*149*	*30-130*		
Surrogate: Terphenyl-dl4	*149*	SGC	µg/l		*100*		*149*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*73.7*		µg/l		*100*		*73.7*	*15-110*		
LCS (7011211-BS1)										
Prepared & Analyzed: 19-Jan-07										
Acenaphthene	70.2		µg/l	5.00	100		70.2	40-130		
Acenaphthene	70.2		µg/l	0.050	100		70.2	40-140		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011211 - SW846 3510C										
LCS (7011211-BS1)										
Prepared & Analyzed: 19-Jan-07										
Acenaphthylene	72.8		µg/l	0.050	100		72.8	40-140		
Acenaphthylene	72.8		µg/l	5.00	100		72.8	40-130		
1-Methylnaphthalene	74.0		µg/l	0.050	100		74.0	40-140		
Aniline	51.7		µg/l	5.00	100		51.7	40-130		
Anthracene	77.7		µg/l	0.050	100		77.7	40-140		
Anthracene	77.7		µg/l	5.00	100		77.7	40-130		
Atrazine	159		µg/l	5.00	100		159	0-200		
Azobenzene/Diphenyldiazine	91.9		µg/l	5.00	100		91.9	40-130		
Benzidine	46.7		µg/l	5.00	100		46.7	0-130		
Benzo (a) anthracene	81.6		µg/l	5.00	100		81.6	40-130		
Benzo (a) anthracene	81.6		µg/l	0.050	100		81.6	40-140		
Benzo (a) pyrene	81.6		µg/l	5.00	100		81.6	40-130		
Benzo (a) pyrene	81.6		µg/l	0.050	100		81.6	40-140		
Benzo (b) fluoranthene	72.3		µg/l	0.050	100		72.3	40-140		
Benzo (b) fluoranthene	72.3		µg/l	5.00	100		72.3	40-130		
Benzo (g,h,i) perylene	86.6		µg/l	0.050	100		86.6	40-140		
Benzo (g,h,i) perylene	86.6		µg/l	5.00	100		86.6	40-130		
Benzo (k) fluoranthene	73.7		µg/l	0.050	100		73.7	40-140		
Benzo (k) fluoranthene	73.7		µg/l	5.00	100		73.7	40-130		
Benzoic acid	54.9		µg/l	5.00	100		54.9	0-149		
Benzyl alcohol	68.8		µg/l	5.00	100		68.8	40-130		
Bis(2-chloroethoxy)methane	78.3		µg/l	5.00	100		78.3	40-130		
Bis(2-chloroethyl)ether	88.7		µg/l	5.00	100		88.7	40-130		
Bis(2-chloroisopropyl)ether	113		µg/l	5.00	100		113	40-130		
Bis(2-ethylhexyl)phthalate	89.1		µg/l	5.00	100		89.1	40-130		
4-Bromophenyl phenyl ether	76.3		µg/l	5.00	100		76.3	40-130		
Butyl benzyl phthalate	89.1		µg/l	5.00	100		89.1	40-130		
Carbazole	92.6		µg/l	5.00	100		92.6	40-130		
4-Chloro-3-methylphenol	79.5		µg/l	5.00	100		79.5	40-130		
4-Chloroaniline	57.4		µg/l	5.00	100		57.4	40-130		
2-Chloronaphthalene	66.5		µg/l	5.00	100		66.5	40-130		
2-Chlorophenol	66.9		µg/l	5.00	100		66.9	40-130		
4-Chlorophenyl phenyl ether	69.7		µg/l	5.00	100		69.7	40-130		
Chrysene	81.3		µg/l	0.050	100		81.3	40-140		
Chrysene	81.3		µg/l	5.00	100		81.3	40-130		
Dibenzo (a,h) anthracene	83.3		µg/l	5.00	100		83.3	40-130		
Dibenzo (a,h) anthracene	83.3		µg/l	0.050	100		83.3	40-140		
Dibenzofuran	61.9		µg/l	5.00	100		61.9	40-130		
1,2-Dichlorobenzene	65.6		µg/l	5.00	100		65.6	40-130		
1,3-Dichlorobenzene	63.5		µg/l	5.00	100		63.5	40-130		
1,4-Dichlorobenzene	65.4		µg/l	5.00	100		65.4	40-130		
3,3'-Dichlorobenzidine	74.7		µg/l	5.00	100		74.7	40-130		
2,4-Dichlorophenol	73.3		µg/l	5.00	100		73.3	40-130		
Diethyl phthalate	75.5		µg/l	5.00	100		75.5	40-130		
Dimethyl phthalate	72.0		µg/l	5.00	100		72.0	40-130		
2,4-Dimethylphenol	71.4		µg/l	5.00	100		71.4	40-130		
Di-n-butyl phthalate	82.1		µg/l	5.00	100		82.1	40-130		
4,6-Dinitro-2-methylphenol	87.2		µg/l	5.00	100		87.2	40-130		
2,4-Dinitrophenol	64.7		µg/l	5.00	100		64.7	40-130		
2,4-Dinitrotoluene	71.6		µg/l	5.00	100		71.6	40-130		
2,6-Dinitrotoluene	74.3		µg/l	5.00	100		74.3	40-130		
Di-n-octyl phthalate	86.3		µg/l	5.00	100		86.3	40-130		
Fluoranthene	77.5		µg/l	5.00	100		77.5	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 7011211 - SW846 3510C										
LCS (7011211-BS1)										
Prepared & Analyzed: 19-Jan-07										
Fluoranthene	77.5		µg/l	0.050	100		77.5	40-140		
Fluorene	69.7		µg/l	0.050	100		69.7	40-140		
Fluorene	69.7		µg/l	5.00	100		69.7	40-130		
Hexachlorobenzene	68.8		µg/l	5.00	100		68.8	40-130		
Hexachlorobutadiene	63.7		µg/l	5.00	100		63.7	40-130		
Hexachlorocyclopentadiene	71.4		µg/l	5.00	100		71.4	40-130		
Hexachloroethane	69.4		µg/l	5.00	100		69.4	40-130		
Indeno (1,2,3-cd) pyrene	86.7		µg/l	5.00	100		86.7	40-130		
Indeno (1,2,3-cd) pyrene	86.7		µg/l	0.050	100		86.7	40-140		
Isophorone	76.3		µg/l	5.00	100		76.3	40-130		
2-Methylnaphthalene	60.1		µg/l	0.050	100		60.1	40-140		
2-Methylnaphthalene	60.1		µg/l	5.00	100		60.1	40-130		
2-Methylphenol	65.6		µg/l	5.00	100		65.6	40-130		
3,4-Methylphenol	90.8		µg/l	10.0	100		90.8	40-130		
Naphthalene	66.3		µg/l	0.050	100		66.3	40-140		
Naphthalene	66.3		µg/l	5.00	100		66.3	40-130		
2-Nitroaniline	77.4		µg/l	5.00	100		77.4	40-130		
3-Nitroaniline	56.0		µg/l	5.00	100		56.0	40-130		
4-Nitroaniline	84.2		µg/l	20.0	100		84.2	40-130		
Nitrobenzene	74.3		µg/l	5.00	100		74.3	40-130		
2-Nitrophenol	75.1		µg/l	5.00	100		75.1	40-130		
4-Nitrophenol	82.9		µg/l	20.0	100		82.9	40-130		
N-Nitrosodimethylamine	70.6		µg/l	5.00	100		70.6	40-130		
N-Nitrosodi-n-propylamine	45.7		µg/l	5.00	100		45.7	40-130		
N-Nitrosodiphenylamine	80.6		µg/l	5.00	100		80.6	40-130		
Pentachlorophenol	82.4		µg/l	20.0	100		82.4	40-130		
Phenanthrene	75.0		µg/l	0.050	100		75.0	40-140		
Phenanthrene	75.0		µg/l	5.00	100		75.0	40-130		
Phenol	76.4		µg/l	5.00	100		76.4	40-130		
Pyrene	79.6		µg/l	0.050	100		79.6	40-140		
Pyrene	79.6		µg/l	5.00	100		79.6	40-130		
Pyridine	78.5		µg/l	5.00	100		78.5	40-130		
Hexachlorobenzene	68.8		µg/l	1.00	100		68.8	40-140		
1-Methylnaphthalene	74.0		µg/l	5.00	100		74.0	40-140		
1,2,4-Trichlorobenzene	64.6		µg/l	5.00	100		64.6	40-130		
Hexachloroethane	69.4		µg/l	1.00	100		69.4	40-140		
2,4,5-Trichlorophenol	75.4		µg/l	5.00	100		75.4	40-130		
Pentachlorophenol	82.4		µg/l	1.00	100		82.4	30-130		
2,4,6-Trichlorophenol	60.7		µg/l	5.00	100		60.7	40-130		
Hexachlorobutadiene	63.7		µg/l	0.500	100		63.7	40-140		
Surrogate: 2-Fluorobiphenyl	*78.7*		µg/l		*100*		*78.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*78.7*		µg/l		*100*		*78.7*	*30-130*		
Surrogate: 2-Fluorophenol	*80.4*		µg/l		*100*		*80.4*	*15-110*		
Surrogate: Nitrobenzene-d5	*92.1*		µg/l		*100*		*92.1*	*30-130*		
Surrogate: Phenol-d5	*68.5*		µg/l		*100*		*68.5*	*15-110*		
Surrogate: Terphenyl-d14	*91.7*		µg/l		*100*		*91.7*	*30-130*		
Surrogate: Terphenyl-d14	*91.7*		µg/l		*100*		*91.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*88.1*		µg/l		*100*		*88.1*	*15-110*		
Batch 7011212 - SW846 3550B										
Blank (7011212-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	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 7011212 - SW846 3550B										
Blank (7011212-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
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						
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011212 - SW846 3550B										
Blank (7011212-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
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	*4980*		µg/kg wet		*6670*		*74.7*	*30-130*		
Surrogate: 2-Fluorophenol	*4550*		µg/kg wet		*6670*		*68.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*4020*		µg/kg wet		*6670*		*60.3*	*30-130*		
Surrogate: Phenol-d5	*4650*		µg/kg wet		*6670*		*69.7*	*15-110*		
Surrogate: Terphenyl-dl4	*4900*		µg/kg wet		*6670*		*73.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3850*		µg/kg wet		*6670*		*57.7*	*15-110*		
LCS (7011212-BS1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Acenaphthene	4390		µg/kg wet	330	6670		65.8	40-130		
Acenaphthylene	6490		µg/kg wet	330	6670		97.3	40-130		
Aniline	3060		µg/kg wet	330	6670		45.9	40-130		
Anthracene	5570		µg/kg wet	330	6670		83.5	40-130		
Atrazine	3180		µg/kg wet	330	6670		47.7	40-130		
Azobenzene/Diphenyldiazine	3870		µg/kg wet	330	6670		58.0	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	4260		µg/kg wet	330	6670		63.9	40-130		
Benzo (a) pyrene	4630		µg/kg wet	330	6670		69.4	40-130		
Benzo (b) fluoranthene	3690		µg/kg wet	330	6670		55.3	40-130		
Benzo (g,h,i) perylene	3930		µg/kg wet	330	6670		58.9	40-130		
Benzo (k) fluoranthene	5430		µg/kg wet	330	6670		81.4	40-130		
Benzoic acid	3700		µg/kg wet	330	6670		55.5	0-130		
Benzyl alcohol	4040		µg/kg wet	330	6670		60.6	40-130		
Bis(2-chloroethoxy)methane	4290		µg/kg wet	330	6670		64.3	40-130		
Bis(2-chloroethyl)ether	4110		µg/kg wet	330	6670		61.6	40-130		
Bis(2-chloroisopropyl)ether	3590		µg/kg wet	330	6670		53.8	40-130		
Bis(2-ethylhexyl)phthalate	4860		µg/kg wet	330	6670		72.9	40-130		
4-Bromophenyl phenyl ether	4540		µg/kg wet	330	6670		68.1	40-130		
Butyl benzyl phthalate	4850		µg/kg wet	330	6670		72.7	40-130		
Carbazole	6520		µg/kg wet	330	6670		97.8	40-130		
4-Chloro-3-methylphenol	4220		µg/kg wet	330	6670		63.3	40-130		
4-Chloroaniline	3190		µg/kg wet	330	6670		47.8	40-130		
2-Chloronaphthalene	4230		µg/kg wet	330	6670		63.4	40-130		
2-Chlorophenol	4830		µg/kg wet	330	6670		72.4	40-130		
4-Chlorophenyl phenyl ether	4000		µg/kg wet	330	6670		60.0	40-130		
Chrysene	4530		µg/kg wet	330	6670		67.9	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 7011212 - SW846 3550B										
LCS (7011212-BS1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Dibenzo (a,h) anthracene	3900		µg/kg wet	330	6670		58.5	40-130		
Dibenzofuran	4100		µg/kg wet	330	6670		61.5	40-130		
1,2-Dichlorobenzene	4340		µg/kg wet	330	6670		65.1	40-130		
1,3-Dichlorobenzene	3900		µg/kg wet	330	6670		58.5	40-130		
1,4-Dichlorobenzene	3770		µg/kg wet	330	6670		56.5	40-130		
3,3'-Dichlorobenzidine	3680		µg/kg wet	330	6670		55.2	40-130		
2,4-Dichlorophenol	4420		µg/kg wet	330	6670		66.3	40-130		
Diethyl phthalate	4390		µg/kg wet	330	6670		65.8	40-130		
Dimethyl phthalate	4400		µg/kg wet	330	6670		66.0	40-130		
2,4-Dimethylphenol	3970		µg/kg wet	330	6670		59.5	40-130		
Di-n-butyl phthalate	4060		µg/kg wet	330	6670		60.9	40-130		
4,6-Dinitro-2-methylphenol	3650		µg/kg wet	330	6670		54.7	40-130		
2,4-Dinitrophenol	3540		µg/kg wet	330	6670		53.1	40-130		
2,4-Dinitrotoluene	4370		µg/kg wet	330	6670		65.5	40-130		
2,6-Dinitrotoluene	4620		µg/kg wet	330	6670		69.3	40-130		
Di-n-octyl phthalate	6140		µg/kg wet	330	6670		92.1	40-130		
Fluoranthene	4360		µg/kg wet	330	6670		65.4	40-130		
Fluorene	4320		µg/kg wet	330	6670		64.8	40-130		
Hexachlorobenzene	3810		µg/kg wet	330	6670		57.1	40-130		
Hexachlorobutadiene	3390		µg/kg wet	330	6670		50.8	40-130		
Hexachlorocyclopentadiene	1730	QC2	µg/kg wet	330	6670		25.9	40-130		
Hexachloroethane	4170		µg/kg wet	330	6670		62.5	40-130		
Indeno (1,2,3-cd) pyrene	4030		µg/kg wet	330	6670		60.4	40-130		
1-Methylnaphthalene	4860		µg/kg wet	330	6670		72.9	40-140		
Isophorone	3760		µg/kg wet	330	6670		56.4	40-130		
2-Methylnaphthalene	4090		µg/kg wet	330	6670		61.3	40-130		
2-Methylphenol	4300		µg/kg wet	330	6670		64.5	40-130		
3,4-Methylphenol	6940		µg/kg wet	330	6670		104	40-130		
Naphthalene	4340		µg/kg wet	330	6670		65.1	40-130		
2-Nitroaniline	4640		µg/kg wet	330	6670		69.6	40-130		
3-Nitroaniline	3780		µg/kg wet	330	6670		56.7	40-130		
4-Nitroaniline	5860		µg/kg wet	1320	6670		87.9	40-130		
Nitrobenzene	3050		µg/kg wet	330	6670		45.7	40-130		
2-Nitrophenol	4620		µg/kg wet	330	6670		69.3	40-130		
4-Nitrophenol	3170		µg/kg wet	1320	6670		47.5	40-130		
N-Nitrosodimethylamine	4390		µg/kg wet	330	6670		65.8	40-130		
N-Nitrosodi-n-propylamine	4170		µg/kg wet	330	6670		62.5	40-130		
N-Nitrosodiphenylamine	5010		µg/kg wet	330	6670		75.1	40-130		
Pentachlorophenol	4310		µg/kg wet	330	6670		64.6	40-130		
Phenanthrene	4450		µg/kg wet	330	6670		66.7	40-130		
Phenol	4350		µg/kg wet	330	6670		65.2	40-130		
Pyrene	4530		µg/kg wet	330	6670		67.9	40-130		
Pyridine	2680		µg/kg wet	330	6670		40.2	40-130		
1,2,4-Trichlorobenzene	3840		µg/kg wet	330	6670		57.6	40-130		
2,4,5-Trichlorophenol	4780		µg/kg wet	330	6670		71.7	40-130		
2,4,6-Trichlorophenol	3870		µg/kg wet	330	6670		58.0	40-130		
Surrogate: 2-Fluorobiphenyl	*4930*		µg/kg wet		*6670*		*73.9*	*30-130*		
Surrogate: 2-Fluorophenol	*5030*		µg/kg wet		*6670*		*75.4*	*15-110*		
Surrogate: Nitrobenzene-d5	*4350*		µg/kg wet		*6670*		*65.2*	*30-130*		
Surrogate: Phenol-d5	*4600*		µg/kg wet		*6670*		*69.0*	*15-110*		
Surrogate: Terphenyl-dl4	*5020*		µg/kg wet		*6670*		*75.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5160*		µg/kg wet		*6670*		*77.4*	*15-110*		

Duplicate (7011212-DUP1) **Source: SA57030-01**

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011212 - SW846 3550B										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Acenaphthene	BRL		µg/kg dry	332		BRL				50
Acenaphthylene	BRL		µg/kg dry	332		BRL				50
Aniline	BRL		µg/kg dry	332		BRL				50
Anthracene	49.7	J	µg/kg dry	332		61.1			20.6	50
Atrazine	BRL		µg/kg dry	332		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	332		BRL				50
Benzidine	BRL		µg/kg dry	332		BRL				50
Benzo (a) anthracene	103	J	µg/kg dry	332		165			46.3	50
Benzo (a) pyrene	91.3	J	µg/kg dry	332		148			47.4	50
Benzo (b) fluoranthene	77.9	J	µg/kg dry	332		129			49.4	50
Benzo (g,h,i) perylene	51.7	J	µg/kg dry	332		84.8			48.5	50
Benzo (k) fluoranthene	75.9	J	µg/kg dry	332		112			38.4	50
Benzoic acid	BRL		µg/kg dry	332		BRL				50
Benzyl alcohol	BRL		µg/kg dry	332		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	332		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	332		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	332		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	332		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	332		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	332		BRL				50
Carbazole	BRL		µg/kg dry	332		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	332		BRL				50
4-Chloroaniline	BRL		µg/kg dry	332		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	332		BRL				50
2-Chlorophenol	BRL		µg/kg dry	332		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	332		BRL				50
Chrysene	98.1	J	µg/kg dry	332		136			32.4	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	332		BRL				50
Dibenzofuran	BRL		µg/kg dry	332		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	332		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	332		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	332		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	332		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	332		BRL				50
Diethyl phthalate	BRL		µg/kg dry	332		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	332		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	332		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	332		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	332		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	332		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	332		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	332		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	332		BRL				50
Fluoranthene	206	J	µg/kg dry	332		327			45.4	50
Fluorene	BRL		µg/kg dry	332		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	332		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	332		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	332		BRL				50
Hexachloroethane	BRL		µg/kg dry	332		BRL				50
Indeno (1,2,3-cd) pyrene	39.6	J	µg/kg dry	332		65.7			49.6	50
1-Methylnaphthalene	BRL		µg/kg dry	332		BRL				50
Isophorone	BRL		µg/kg dry	332		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	332		BRL				50
2-Methylphenol	BRL		µg/kg dry	332		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	332		BRL				50

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011212 - SW846 3550B										
Duplicate (7011212-DUP1) **Source: SA57030-01**										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Naphthalene	BRL		µg/kg dry	332		BRL				50
2-Nitroaniline	BRL		µg/kg dry	332		BRL				50
3-Nitroaniline	BRL		µg/kg dry	332		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1330		BRL				50
Nitrobenzene	BRL		µg/kg dry	332		BRL				50
2-Nitrophenol	BRL		µg/kg dry	332		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1330		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	332		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	332		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	332		BRL				50
Pentachlorophenol	BRL		µg/kg dry	332		BRL				50
Phenanthrene	149	J	µg/kg dry	332		187			22.6	50
Phenol	BRL		µg/kg dry	332		BRL				50
Pyrene	206	J	µg/kg dry	332		316			42.1	50
Pyridine	BRL		µg/kg dry	332		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	332		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	332		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	332		BRL				50
Surrogate: 2-Fluorobiphenyl	*2330*		µg/kg dry		*3360*		*69.3*	*30-130*		
Surrogate: 2-Fluorophenol	*2120*		µg/kg dry		*3360*		*63.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*1830*		µg/kg dry		*3360*		*54.5*	*30-130*		
Surrogate: Phenol-d5	*2050*		µg/kg dry		*3360*		*61.0*	*15-110*		
Surrogate: Terphenyl-dl4	*2540*		µg/kg dry		*3360*		*75.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1910*		µg/kg dry		*3360*		*56.8*	*15-110*		
Matrix Spike (7011212-MS1) **Source: SA57030-01**										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Acenaphthene	4190		µg/kg dry	329	6660	BRL	62.9	40-140		
4-Chloro-3-methylphenol	8240		µg/kg dry	329	13300	BRL	62.0	30-130		
2-Chlorophenol	8510		µg/kg dry	329	13300	BRL	64.0	30-130		
1,4-Dichlorobenzene	3420		µg/kg dry	329	6660	BRL	51.4	40-140		
2,4-Dinitrotoluene	4370		µg/kg dry	329	6660	BRL	65.6	40-140		
4-Nitrophenol	4660		µg/kg dry	1320	13300	BRL	35.0	30-130		
N-Nitrosodi-n-propylamine	3610		µg/kg dry	329	6660	BRL	54.2	40-140		
Pentachlorophenol	6740		µg/kg dry	329	13300	BRL	50.7	30-130		
Phenol	7090		µg/kg dry	329	13300	BRL	53.3	30-130		
Pyrene	4430		µg/kg dry	329	6660	316	61.8	40-140		
1,2,4-Trichlorobenzene	3290		µg/kg dry	329	6660	BRL	49.4	40-140		
Surrogate: 2-Fluorobiphenyl	*4880*		µg/kg dry		*6660*		*73.3*	*30-130*		
Surrogate: 2-Fluorophenol	*4580*		µg/kg dry		*6660*		*68.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*3710*		µg/kg dry		*6660*		*55.7*	*30-130*		
Surrogate: Phenol-d5	*4160*		µg/kg dry		*6660*		*62.5*	*15-110*		
Surrogate: Terphenyl-dl4	*4820*		µg/kg dry		*6660*		*72.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4370*		µg/kg dry		*6660*		*65.6*	*15-110*		
Matrix Spike Dup (7011212-MSD1) **Source: SA57030-01**										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Acenaphthene	4060		µg/kg dry	326	6590	BRL	61.6	40-140	2.09	30
4-Chloro-3-methylphenol	7880		µg/kg dry	326	13200	BRL	59.7	30-130	3.78	30
2-Chlorophenol	8270		µg/kg dry	326	13200	BRL	62.7	30-130	2.05	30
1,4-Dichlorobenzene	3340		µg/kg dry	326	6590	BRL	50.7	40-140	1.37	30
2,4-Dinitrotoluene	4170		µg/kg dry	326	6590	BRL	63.3	40-140	3.57	30
4-Nitrophenol	4490		µg/kg dry	1310	13200	BRL	34.0	30-130	2.90	30
N-Nitrosodi-n-propylamine	3520		µg/kg dry	326	6590	BRL	53.4	40-140	1.49	30
Pentachlorophenol	6510		µg/kg dry	326	13200	BRL	49.3	30-130	2.80	30
Phenol	6800		µg/kg dry	326	13200	BRL	51.5	30-130	3.44	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011212 - SW846 3550B										
Matrix Spike Dup (7011212-MSD1) **Source: SA57030-01**										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Pyrene	4440		µg/kg dry	326	6590	316	62.6	40-140	1.29	30
1,2,4-Trichlorobenzene	3200		µg/kg dry	326	6590	BRL	48.6	40-140	1.63	30
Surrogate: 2-Fluorobiphenyl	*4750*		µg/kg dry		*6590*		*72.1*	*30-130*		
Surrogate: 2-Fluorophenol	*4460*		µg/kg dry		*6590*		*67.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*3550*		µg/kg dry		*6590*		*53.9*	*30-130*		
Surrogate: Phenol-d5	*4040*		µg/kg dry		*6590*		*61.3*	*15-110*		
Surrogate: Terphenyl-dl4	*4730*		µg/kg dry		*6590*		*71.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4290*		µg/kg dry		*6590*		*65.1*	*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 7011179 - EPA200/SW7000 Series										
Blank (7011179-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	BRL		mg/kg wet	0.0298						
Duplicate (7011179-DUP1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	4.37	QR5	mg/kg dry	0.354		7.64			54.5	20
Matrix Spike (7011179-MS1) Source: SA57049-02										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	1.74	QM7	mg/kg dry	0.0332	0.460	0.833	197	75-125		
Reference (7011179-SRM1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	2.35		mg/kg wet	0.0300	2.08		113	66.1-132.8		
Batch 7011181 - SW846 3005A										
Blank (7011181-BLK1)										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Selenium	BRL		mg/l	0.0200						
Lead	BRL		mg/l	0.0075						
Barium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (7011181-BS1)										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Lead	0.506		mg/l	0.0075	0.500		101	85-115		
Selenium	0.492		mg/l	0.0200	0.500		98.4	85-115		
Cadmium	0.518		mg/l	0.0025	0.500		104	85-115		
Arsenic	0.451		mg/l	0.0040	0.500		90.2	85-115		
Barium	0.534		mg/l	0.0050	0.500		107	85-115		
Chromium	0.505		mg/l	0.0050	0.500		101	85-115		
Silver	0.445		mg/l	0.0050	0.500		89.0	85-115		
LCS Dup (7011181-BSD1)										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Lead	0.488		mg/l	0.0075	0.500		97.6	85-115	3.62	20
Selenium	0.475		mg/l	0.0200	0.500		95.0	85-115	3.52	20
Silver	0.434		mg/l	0.0050	0.500		86.8	85-115	2.50	20
Barium	0.512		mg/l	0.0050	0.500		102	85-115	4.21	20
Chromium	0.487		mg/l	0.0050	0.500		97.4	85-115	3.63	20
Arsenic	0.442		mg/l	0.0040	0.500		88.4	85-115	2.02	20
Cadmium	0.501		mg/l	0.0025	0.500		100	85-115	3.34	20
Duplicate (7011181-DUP1) Source: SA57049-08										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Selenium	0.0186	J	mg/l	0.0200		0.0184			1.08	20
Lead	0.0765		mg/l	0.0075		0.0814			6.21	20
Silver	BRL		mg/l	0.0050		BRL				20
Arsenic	0.0104		mg/l	0.0040		BRL				20
Barium	0.0593		mg/l	0.0050		0.0624			5.09	20
Chromium	0.0040	J	mg/l	0.0050		0.0040			0.00	20
Cadmium	0.0006	J,QR1	mg/l	0.0025		0.0012			66.7	20
Matrix Spike (7011181-MS1) Source: SA57049-09										

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 7011181 - SW846 3005A										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Lead	0.502		mg/l	0.0075	0.500	0.0030	99.8	75-125		
Selenium	0.483		mg/l	0.0200	0.500	0.0142	93.8	75-125		
Silver	0.449		mg/l	0.0050	0.500	BRL	89.8	75-125		
Chromium	0.506		mg/l	0.0050	0.500	BRL	101	75-125		
Arsenic	0.450		mg/l	0.0040	0.500	BRL	90.0	75-125		
Barium	0.524		mg/l	0.0050	0.500	BRL	105	75-125		
Cadmium	0.514		mg/l	0.0025	0.500	BRL	103	75-125		
Matrix Spike Dup (7011181-MSD1) **Source: SA57049-09**										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Lead	0.497		mg/l	0.0075	0.500	0.0030	98.8	75-125	1.00	20
Selenium	0.481		mg/l	0.0200	0.500	0.0142	93.4	75-125	0.415	20
Cadmium	0.510		mg/l	0.0025	0.500	BRL	102	75-125	0.781	20
Arsenic	0.455		mg/l	0.0040	0.500	BRL	91.0	75-125	1.10	20
Barium	0.521		mg/l	0.0050	0.500	BRL	104	75-125	0.574	20
Chromium	0.504		mg/l	0.0050	0.500	BRL	101	75-125	0.396	20
Silver	0.442		mg/l	0.0050	0.500	BRL	88.4	75-125	1.57	20
Post Spike (7011181-PS1) **Source: SA57049-09**										
Prepared: 19-Jan-07 Analyzed: 20-Jan-07										
Selenium	0.483		mg/l	0.0200	0.500	0.0142	93.8	80-120		
Lead	0.504		mg/l	0.0075	0.500	0.0030	100	80-120		
Silver	0.477		mg/l	0.0050	0.500	BRL	95.4	80-120		
Cadmium	0.517		mg/l	0.0025	0.500	BRL	103	80-120		
Arsenic	0.454		mg/l	0.0040	0.500	BRL	90.8	80-120		
Chromium	0.508		mg/l	0.0050	0.500	BRL	102	80-120		
Barium	0.526		mg/l	0.0050	0.500	BRL	105	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011178 - EPA 200 Series										
Blank (7011178-BLK1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Silver	BRL		mg/kg wet	0.962						
Selenium	BRL		mg/kg wet	1.44						
Arsenic	BRL		mg/kg wet	1.44						
Lead	BRL		mg/kg wet	0.722						
Cadmium	BRL		mg/kg wet	0.241						
Chromium	BRL		mg/kg wet	0.481						
Barium	BRL		mg/kg wet	0.481						
LCS (7011178-BS1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Silver	112		mg/kg wet	1.00	125		89.6	85-115		
Selenium	130		mg/kg wet	1.50	125		104	85-115		
Cadmium	130		mg/kg wet	0.250	125		104	85-115		
Lead	123		mg/kg wet	0.750	125		98.4	85-115		
Chromium	128		mg/kg wet	0.500	125		102	85-115		
Arsenic	124		mg/kg wet	1.50	125		99.2	85-115		
Barium	135		mg/kg wet	0.500	125		108	85-115		
Duplicate (7011178-DUP1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Silver	BRL		mg/kg dry	1.16		BRL				35
Selenium	3.20		mg/kg dry	1.74		2.65			18.8	35
Arsenic	7.19		mg/kg dry	1.74		7.94			9.91	35
Lead	424		mg/kg dry	0.870		395			7.08	35
Cadmium	1.92		mg/kg dry	0.290		1.42			29.9	35
Chromium	20.5		mg/kg dry	0.580		20.9			1.93	35
Barium	72.5		mg/kg dry	0.580		57.2			23.6	35
Matrix Spike (7011178-MS1) Source: SA57049-02										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Silver	124		mg/kg dry	1.12	140	BRL	88.6	70-130		
Selenium	142		mg/kg dry	1.68	140	3.19	99.2	70-130		
Lead	413		mg/kg dry	0.840	140	242	122	70-130		
Arsenic	159		mg/kg dry	1.68	140	15.7	102	70-130		
Chromium	146		mg/kg dry	0.560	140	6.67	99.5	70-130		
Cadmium	137		mg/kg dry	0.280	140	0.496	97.5	70-130		
Barium	217		mg/kg dry	0.560	140	63.3	110	70-130		
Post Spike (7011178-PS1) Source: SA57049-02										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Selenium	135		mg/kg dry	1.63	136	3.19	96.9	85-115		
Arsenic	145		mg/kg dry	1.63	136	15.7	95.1	85-115		
Chromium	136		mg/kg dry	0.543	136	6.67	95.1	85-115		
Cadmium	130		mg/kg dry	0.271	136	0.496	95.2	85-115		
Barium	198		mg/kg dry	0.543	136	63.3	99.0	85-115		
Reference (7011178-SRM1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Silver	50.3		mg/kg wet	1.00	52.2		96.4	66.2-133.7		
Selenium	82.7		mg/kg wet	1.50	83.2		99.4	77.6-122.4		
Chromium	35.1		mg/kg wet	0.500	37.7		93.1	79.3-120.8		
Arsenic	62.1		mg/kg wet	1.50	68.2		91.1	80.3-118.9		
Lead	60.1		mg/kg wet	0.750	67.2		89.4	81.5-118.5		
Cadmium	31.1		mg/kg wet	0.250	34.4		90.4	82.1-117.9		
Barium	155		mg/kg wet	0.500	165		93.9	82.8-117.2		

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* Reportable Detection Limit BRL = Below Reporting Limit

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 7011182 - EPA200/SW7000 Series										
Blank (7011182-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	BRL		mg/l	0.00020						
LCS (7011182-BS1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00272		mg/l	0.00020	0.00250		109	85-115		
Duplicate (7011182-DUP1) Source: SA57049-08										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00082	QR1	mg/l	0.00020		0.00029			95.5	20
Matrix Spike (7011182-MS1) Source: SA57049-09										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00245		mg/l	0.00020	0.00250	BRL	98.0	75-125		
Matrix Spike Dup (7011182-MSD1) Source: SA57049-09										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00255		mg/l	0.00020	0.00250	BRL	102	75-125	4.00	20
Post Spike (7011182-PS1) Source: SA57049-09										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00232		mg/l	0.00020	0.00250	BRL	92.8	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 7011230 - SW846 3010A										
Blank (7011230-BLK1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0150						
Silver	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (7011230-BS1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Lead	1.11		mg/l	0.0075	1.25		88.8	82.3-108		
Selenium	1.06		mg/l	0.0150	1.25		84.8	79-108		
Cadmium	1.14		mg/l	0.0025	1.25		91.2	87.9-110		
Arsenic	1.07		mg/l	0.0150	1.25		85.6	77.4-109		
Silver	1.00		mg/l	0.0100	1.25		80.0	55.5-115		
Chromium	1.14		mg/l	0.0050	1.25		91.2	76.2-118		
Barium	1.22		mg/l	0.0050	1.25		97.6	85.1-119		
LCS Dup (7011230-BSD1)										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Selenium	1.06		mg/l	0.0150	1.25		84.8	79-108	0.00	20
Lead	1.13		mg/l	0.0075	1.25		90.4	82.3-108	1.79	20
Silver	0.528	IC3, QR	mg/l	0.0100	1.25		42.2	55.5-115	61.8	20
Arsenic	1.07		mg/l	0.0150	1.25		85.6	77.4-109	0.00	20
Cadmium	1.15		mg/l	0.0025	1.25		92.0	87.9-110	0.873	20
Chromium	1.14		mg/l	0.0050	1.25		91.2	76.2-118	0.00	20
Barium	1.23		mg/l	0.0050	1.25		98.4	85.1-119	0.816	20
Duplicate (7011230-DUP1) **Source: SA57049-07**										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Lead	0.0080		mg/l	0.0075		0.0086			7.23	20
Selenium	0.0150	QR1	mg/l	0.0150		0.0106			34.4	20
Silver	BRL		mg/l	0.0100		BRL				20
Chromium	0.0117	QR1	mg/l	0.0050		0.0170			36.9	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Barium	0.0890	QR6	mg/l	0.0050		0.0709			22.6	20
Matrix Spike (7011230-MS1) **Source: SA57049-01**										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Lead	1.15		mg/l	0.0075	1.25	0.0278	89.8	81.8-105		
Selenium	1.10		mg/l	0.0150	1.25	0.0139	86.9	80.4-105		
Chromium	1.15		mg/l	0.0050	1.25	0.0026	91.8	81.5-111		
Cadmium	1.17		mg/l	0.0025	1.25	BRL	93.6	86.4-108		
Arsenic	1.10		mg/l	0.0150	1.25	BRL	88.0	79.2-106		
Silver	BRL	QM8	mg/l	0.0100	1.25	BRL		63.6-109		
Barium	1.23		mg/l	0.0050	1.25	0.0152	97.2	88.9-114		
Matrix Spike Dup (7011230-MSD1) **Source: SA57049-01**										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Lead	1.15		mg/l	0.0075	1.25	0.0278	89.8	81.8-105	0.00	20
Selenium	1.09		mg/l	0.0150	1.25	0.0139	86.1	80.4-105	0.913	20
Arsenic	1.10		mg/l	0.0150	1.25	BRL	88.0	79.2-106	0.00	20
Cadmium	1.16		mg/l	0.0025	1.25	BRL	92.8	86.4-108	0.858	20
Silver	1.02		mg/l	0.0100	1.25	BRL	81.6	63.6-109		20

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011230 - SW846 3010A										
Matrix Spike Dup (7011230-MSD1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Chromium	1.16		mg/l	0.0050	1.25	0.0026	92.6	81.5-111	0.866	20
Barium	1.26		mg/l	0.0050	1.25	0.0152	99.6	88.9-114	2.41	20
Post Spike (7011230-PS1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 23-Jan-07										
Selenium	2.19		mg/l		2.50	0.0278	86.5	77.7-108		
Lead	2.30		mg/l		2.50	0.0555	89.8	80.3-108		
Chromium	2.33		mg/l		2.50	0.00510	93.0	78.1-114		
Cadmium	2.34		mg/l		2.50	0.000400	93.6	86.5-109		
Arsenic	2.22		mg/l		2.50	-0.0210	89.6	79.3-107		
Silver	1.65		mg/l		2.50	-0.00340	66.1	61.7-107		
Barium	2.52		mg/l		2.50	0.0303	99.6	86.8-118		
Batch 7011231 - EPA200/SW7000 Series										
Blank (7011231-BLK1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	BRL		mg/l	0.00040						
LCS (7011231-BS1)										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00236		mg/l	0.00040	0.00250		94.4	66.6-117		
Duplicate (7011231-DUP1) Source: SA57049-07										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7011231-MS1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00296	QM8	mg/l	0.00040	0.00250	BRL	118	76.1-111		
Matrix Spike Dup (7011231-MSD1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	0.00288	QM8	mg/l	0.00040	0.00250	BRL	115	76.1-111	2.74	20
Post Spike (7011231-PS1) Source: SA57049-01										
Prepared: 19-Jan-07 Analyzed: 22-Jan-07										
Mercury	2.64		mg/l		2.50	0.213	97.1	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 7011190 - General Preparation										
Duplicate (7011190-DUP1) Source: SA57030-01										
Prepared & Analyzed: 18-Jan-07										
% Solids	58.0		%			63.5			9.05	20

Notes and Definitions

*TPH	Calculated as
__RE	Reanalysis for data confirmation.
Comp	Completed
FP	Field Preserved
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.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
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.
QR5	RPD out of acceptance range.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
R01	The Reporting Limit for this analyte has been raised to account for matrix interference.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
S06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
vex2	Field extracted
VOC6	The production of Acetone and other ketones is commonly seen when using the SW 846 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

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole 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 Independent Wheel True - New Haven, CT	NHRY Independent Wheel True - New Haven, CT/
This Form Provides certifications for the following data set: SA57049-01 SA57049-02 SA57049-03 SA57049-04 SA57049-05 SA57049-06 SA57049-07 SA57049-08 SA57049-09 SA57049-10	List Specific Analytical Methods Used: +CT ETPH EPA 200.7 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: 1/25/2007

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

* Reportable Detection Limit BRL = Below Reporting Limit

SAS 7049 mf

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: Cindy Knight
LES
354 S. River Rd.
Tolland CT 06084
Project Mgr.: David Stock - Maguire

Invoice To: CTDOT - DAS Contract
c/o LES
P.O. No.: _____ RQN: _____

Project No.: 31-88
Site Name: NHRY Independent Wheel Tree Facility
Location: New Haven State: CT
Sampler(s): C. Knight / C Cascado

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= Concrete X2= DI Water X3=_____

G=Grab C=Composite

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

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

State specific reporting standards: CTDEP GB PMC RDEC + SWPC

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	CT ETPH	Base Neutral / Acid Extractable 8270	Pesticides - 8081A	PCBs - 8082	Total RCRA 8 Metals	SPLP RCRA 8 Metals
SAS7049-01	IWT-11 2'-4'	1-17-07		C	SO		3	1				X	X	X	X	X	X	X
02	IWT-13 2'-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓	↓	X
03	IWT-14 2'-4'																	X
04	IWT-15 2'-4'																	X
05	IWT-16 2'-4'																	X
06	IWT-17 2'-4'			↓	↓													X
07	IWTC-1			G	X1			↓										X
08	IWT-17 GW			G	GW			4		1								
09	FB-1				X2		↓	3		1			↓	↓	↓	↓	↓	
10	TB-1	↓			X2							↓						

☐ Fax results when available to (____) _____
☒ E-mail to ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☒ 4°C 1

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	1/18/07	1005
[signature]	[signature]	1/18/07	228

IW Cooler

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	(None)	Blank Water	23-Jan-07 00:00	24-Jan-07
SA57314-13				

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 (Frec 113)	BRL		µg/l	1.0	1	SW846 8260B	25-Jan-07	25-Jan-07	7011564	ek
67-64-1	Acetone	BRL		µg/l	20.0	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2	(None)	Blank Water	23-Jan-07 00:00	24-Jan-07
SA57314-13				

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											
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	SW846 8260B	25-Jan-07	25-Jan-07	7011564	ek
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*102*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*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 7011564 - SW846 5030 Water MS										
Blank (7011564-BLK1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	20.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011564 - SW846 5030 Water MS										
Blank (7011564-BLK1)										
Prepared & Analyzed: 25-Jan-07										
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	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS (7011564-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.7		µg/l		20.0		73.5	70-130		
Acetone	17.5		µg/l		20.0		87.5	29.5-156		
Acrylonitrile	21.1		µg/l		20.0		106	70-130		
Benzene	20.0		µg/l		20.0		100	70-130		
Bromobenzene	20.3		µg/l		20.0		102	70-130		
Bromochloromethane	20.2		µg/l		20.0		101	70-130		
Bromodichloromethane	20.9		µg/l		20.0		104	70-130		
Bromoform	18.9		µg/l		20.0		94.5	70-130		
Bromomethane	20.0		µg/l		20.0		100	57.7-151		
2-Butanone (MEK)	20.4		µg/l		20.0		102	48.9-134		
n-Butylbenzene	18.5		µg/l		20.0		92.5	70-130		
sec-Butylbenzene	18.2		µg/l		20.0		91.0	70-130		
tert-Butylbenzene	19.1		µg/l		20.0		95.5	70-130		
Carbon disulfide	16.6		µg/l		20.0		83.0	70-130		
Carbon tetrachloride	16.8		µg/l		20.0		84.0	70-130		
Chlorobenzene	20.3		µg/l		20.0		102	70-130		
Chloroethane	18.0		µg/l		20.0		90.0	56.9-145		
Chloroform	21.9		µg/l		20.0		110	70-130		
Chloromethane	19.4		µg/l		20.0		97.0	70-130		
2-Chlorotoluene	20.7		µg/l		20.0		104	70-130		
4-Chlorotoluene	21.2		µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	19.7		µg/l		20.0		98.5	70-130		
Dibromochloromethane	22.1		µg/l		20.0		110	61.5-142		
1,2-Dibromoethane (EDB)	21.6		µg/l		20.0		108	70-130		
Dibromomethane	20.7		µg/l		20.0		104	70-130		
1,2-Dichlorobenzene	21.0		µg/l		20.0		105	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011564 - SW846 5030 Water MS										
LCS (7011564-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,3-Dichlorobenzene	20.8		µg/l		20.0		104	70-130		
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	13.3		µg/l		20.0		66.5	36.6-187		
1,1-Dichloroethane	19.8		µg/l		20.0		99.0	70-130		
1,2-Dichloroethane	21.4		µg/l		20.0		107	70-130		
1,1-Dichloroethene	15.8		µg/l		20.0		79.0	70-130		
cis-1,2-Dichloroethene	20.7		µg/l		20.0		104	70-130		
trans-1,2-Dichloroethene	18.9		µg/l		20.0		94.5	70-130		
1,2-Dichloropropane	20.7		µg/l		20.0		104	70-130		
1,3-Dichloropropane	21.2		µg/l		20.0		106	70-130		
2,2-Dichloropropane	16.8		µg/l		20.0		84.0	70-130		
1,1-Dichloropropene	17.1		µg/l		20.0		85.5	70-130		
cis-1,3-Dichloropropene	20.2		µg/l		20.0		101	70-130		
trans-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	70-130		
Ethylbenzene	19.6		µg/l		20.0		98.0	70-130		
Hexachlorobutadiene	16.6		µg/l		20.0		83.0	68.7-142		
2-Hexanone (MBK)	20.8		µg/l		20.0		104	56.3-131		
Isopropylbenzene	18.2		µg/l		20.0		91.0	70-130		
4-Isopropyltoluene	19.4		µg/l		20.0		97.0	70-130		
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	21.7		µg/l		20.0		108	55.2-129		
Methylene chloride	20.4		µg/l		20.0		102	70-130		
Naphthalene	23.4		µg/l		20.0		117	70-130		
n-Propylbenzene	18.6		µg/l		20.0		93.0	70-130		
Styrene	20.9		µg/l		20.0		104	70-130		
1,1,1,2-Tetrachloroethane	22.4		µg/l		20.0		112	70-130		
1,1,2,2-Tetrachloroethane	21.9		µg/l		20.0		110	70-130		
Tetrachloroethene	16.8		µg/l		20.0		84.0	70-130		
Toluene	19.2		µg/l		20.0		96.0	70-130		
1,2,3-Trichlorobenzene	21.1		µg/l		20.0		106	70-130		
1,2,4-Trichlorobenzene	20.7		µg/l		20.0		104	70-130		
1,1,1-Trichloroethane	16.6		µg/l		20.0		83.0	70-130		
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130		
Trichloroethene	19.0		µg/l		20.0		95.0	70-130		
Trichlorofluoromethane (Freon 11)	14.0		µg/l		20.0		70.0	68-148		
1,2,3-Trichloropropane	23.6		µg/l		20.0		118	70-130		
1,2,4-Trimethylbenzene	20.5		µg/l		20.0		102	70-130		
1,3,5-Trimethylbenzene	19.9		µg/l		20.0		99.5	70-130		
Vinyl chloride	17.9		µg/l		20.0		89.5	70-130		
m,p-Xylene	40.6		µg/l		40.0		102	70-130		
o-Xylene	20.7		µg/l		20.0		104	70-130		
Tetrahydrofuran	21.8		µg/l		20.0		109	70-130		
Ethyl ether	20.0		µg/l		20.0		100	57.6-132		
Tert-amyl methyl ether	22.8		µg/l		20.0		114	70-130		
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130		
Di-isopropyl ether	20.2		µg/l		20.0		101	70-130		
Tert-Butanol / butyl alcohol	212		µg/l		200		106	70-130		
1,4-Dioxane	213		µg/l		200		106	45.2-132		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (7011564-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011564 - SW846 5030 Water MS										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.0	QC1	µg/l		20.0		65.0	70-130	12.3	25
Acetone	19.1		µg/l		20.0		95.5	29.5-156	8.74	50
Acrylonitrile	21.1		µg/l		20.0		106	70-130	0.00	25
Benzene	18.7		µg/l		20.0		93.5	70-130	6.72	25
Bromobenzene	19.5		µg/l		20.0		97.5	70-130	4.51	25
Bromochloromethane	19.2		µg/l		20.0		96.0	70-130	5.08	25
Bromodichloromethane	20.5		µg/l		20.0		102	70-130	1.94	25
Bromoform	18.5		µg/l		20.0		92.5	70-130	2.14	25
Bromomethane	19.0		µg/l		20.0		95.0	57.7-151	5.13	50
2-Butanone (MEK)	20.9		µg/l		20.0		104	48.9-134	1.94	50
n-Butylbenzene	18.1		µg/l		20.0		90.5	70-130	2.19	25
sec-Butylbenzene	18.0		µg/l		20.0		90.0	70-130	1.10	25
tert-Butylbenzene	18.9		µg/l		20.0		94.5	70-130	1.05	25
Carbon disulfide	13.3	QC1	µg/l		20.0		66.5	70-130	22.1	25
Carbon tetrachloride	15.3		µg/l		20.0		76.5	70-130	9.35	25
Chlorobenzene	19.5		µg/l		20.0		97.5	70-130	4.51	25
Chloroethane	16.6		µg/l		20.0		83.0	56.9-145	8.09	50
Chloroform	21.3		µg/l		20.0		106	70-130	3.70	25
Chloromethane	18.2		µg/l		20.0		91.0	70-130	6.38	25
2-Chlorotoluene	19.3		µg/l		20.0		96.5	70-130	7.48	25
4-Chlorotoluene	20.6		µg/l		20.0		103	70-130	2.87	25
1,2-Dibromo-3-chloropropane	19.2		µg/l		20.0		96.0	70-130	2.57	25
Dibromochloromethane	21.4		µg/l		20.0		107	61.5-142	2.76	50
1,2-Dibromoethane (EDB)	21.0		µg/l		20.0		105	70-130	2.82	25
Dibromomethane	20.1		µg/l		20.0		100	70-130	3.92	25
1,2-Dichlorobenzene	20.1		µg/l		20.0		100	70-130	4.88	25
1,3-Dichlorobenzene	20.0		µg/l		20.0		100	70-130	3.92	25
1,4-Dichlorobenzene	18.9		µg/l		20.0		94.5	70-130	5.66	25
Dichlorodifluoromethane (Freon12)	11.8		µg/l		20.0		59.0	36.6-187	12.0	50
1,1-Dichloroethane	19.0		µg/l		20.0		95.0	70-130	4.12	25
1,2-Dichloroethane	20.8		µg/l		20.0		104	70-130	2.84	25
1,1-Dichloroethene	14.5		µg/l		20.0		72.5	70-130	8.58	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	5.94	25
trans-1,2-Dichloroethene	16.9		µg/l		20.0		84.5	70-130	11.2	25
1,2-Dichloropropane	20.3		µg/l		20.0		102	70-130	1.94	25
1,3-Dichloropropane	21.0		µg/l		20.0		105	70-130	0.948	25
2,2-Dichloropropane	15.6		µg/l		20.0		78.0	70-130	7.41	25
1,1-Dichloropropene	15.6		µg/l		20.0		78.0	70-130	9.17	25
cis-1,3-Dichloropropene	19.4		µg/l		20.0		97.0	70-130	4.04	25
trans-1,3-Dichloropropene	17.1		µg/l		20.0		85.5	70-130	4.01	25
Ethylbenzene	19.0		µg/l		20.0		95.0	70-130	3.11	25
Hexachlorobutadiene	14.8		µg/l		20.0		74.0	68.7-142	11.5	50
2-Hexanone (MBK)	20.5		µg/l		20.0		102	56.3-131	1.94	25
Isopropylbenzene	17.6		µg/l		20.0		88.0	70-130	3.35	25
4-Isopropyltoluene	19.2		µg/l		20.0		96.0	70-130	1.04	25
Methyl tert-butyl ether	20.5		µg/l		20.0		102	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	21.4		µg/l		20.0		107	55.2-129	0.930	50
Methylene chloride	20.2		µg/l		20.0		101	70-130	0.985	25
Naphthalene	22.3		µg/l		20.0		112	70-130	4.37	25
n-Propylbenzene	18.3		µg/l		20.0		91.5	70-130	1.63	25
Styrene	20.2		µg/l		20.0		101	70-130	2.93	25
1,1,1,2-Tetrachloroethane	21.2		µg/l		20.0		106	70-130	5.50	25
1,1,2,2-Tetrachloroethane	21.5		µg/l		20.0		108	70-130	1.83	25
Tetrachloroethene	15.3		µg/l		20.0		76.5	70-130	9.35	25
Toluene	18.4		µg/l		20.0		92.0	70-130	4.26	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011564 - SW846 5030 Water MS										
LCS Dup (7011564-BSD1)										
Prepared & Analyzed: 25-Jan-07										
1,2,3-Trichlorobenzene	20.4		µg/l		20.0		102	70-130	3.85	25
1,2,4-Trichlorobenzene	20.4		µg/l		20.0		102	70-130	1.94	25
1,1,1-Trichloroethane	15.5		µg/l		20.0		77.5	70-130	6.85	25
1,1,2-Trichloroethane	21.2		µg/l		20.0		106	70-130	0.00	25
Trichloroethene	17.4		µg/l		20.0		87.0	70-130	8.79	25
Trichlorofluoromethane (Freon 11)	12.4	QC1	µg/l		20.0		62.0	68-148	12.1	50
1,2,3-Trichloropropane	23.6		µg/l		20.0		118	70-130	0.00	25
1,2,4-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	0.00	25
1,3,5-Trimethylbenzene	19.6		µg/l		20.0		98.0	70-130	1.52	25
Vinyl chloride	16.1		µg/l		20.0		80.5	70-130	10.6	25
m,p-Xylene	38.7		µg/l		40.0		96.8	70-130	5.23	25
o-Xylene	20.3		µg/l		20.0		102	70-130	1.94	25
Tetrahydrofuran	22.1		µg/l		20.0		110	70-130	0.913	25
Ethyl ether	19.3		µg/l		20.0		96.5	57.6-132	3.56	50
Tert-amyl methyl ether	22.3		µg/l		20.0		112	70-130	1.77	25
Ethyl tert-butyl ether	19.9		µg/l		20.0		99.5	70-130	1.50	25
Di-isopropyl ether	19.7		µg/l		20.0		98.5	70-130	2.51	25
Tert-Butanol / butyl alcohol	218		µg/l		200		109	70-130	2.79	25
1,4-Dioxane	205		µg/l		200		102	45.2-132	3.85	25
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike (7011564-MS1) Source: SA57315-01										
Prepared & Analyzed: 25-Jan-07										
Benzene	20.4		µg/l		20.0	0.800	98.0	70-130		
Chlorobenzene	23.4		µg/l		20.0	BRL	117	70-130		
1,1-Dichloroethene	14.0	QM7	µg/l		20.0	2.36	58.2	70-130		
Toluene	21.5		µg/l		20.0	BRL	108	70-130		
Trichloroethene	51.8		µg/l		20.0	29.0	114	70-130		
Surrogate: 4-Bromofluorobenzene	*51.7*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Matrix Spike Dup (7011564-MSD1) Source: SA57315-01										
Prepared & Analyzed: 25-Jan-07										
Benzene	20.6		µg/l		20.0	0.800	99.0	70-130	1.02	30
Chlorobenzene	23.2		µg/l		20.0	BRL	116	70-130	0.858	30
1,1-Dichloroethene	14.1	QM7	µg/l		20.0	2.36	58.7	70-130	0.855	30
Toluene	21.5		µg/l		20.0	BRL	108	70-130	0.00	30
Trichloroethene	48.8		µg/l		20.0	29.0	99.0	70-130	14.1	30
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Batch 7011575 - SW846 5030 Soil (high level)										
Blank (7011575-BLK1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	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 7011575 - SW846 5030 Soil (high level)										
Blank (7011575-BLK1)										
Prepared & Analyzed: 25-Jan-07										
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						
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 7011575 - SW846 5030 Soil (high level)										
Blank (7011575-BLK1)										
Prepared & Analyzed: 25-Jan-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	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*30.9*		µg/kg wet		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*38.9*		µg/kg wet		*30.0*		*130*	*70-130*		
Surrogate: Dibromofluoromethane	*33.9*		µg/kg wet		*30.0*		*113*	*70-130*		
LCS (7011575-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/kg wet		20.0		122	70-130		
Acetone	21.0		µg/kg wet		20.0		105	3.31-159		
Acrylonitrile	20.1		µg/kg wet		20.0		100	70-130		
Benzene	19.9		µg/kg wet		20.0		99.5	70-130		
Bromobenzene	23.4		µg/kg wet		20.0		117	70-130		
Bromochloromethane	21.7		µg/kg wet		20.0		108	70-130		
Bromodichloromethane	24.6		µg/kg wet		20.0		123	70-130		
Bromoform	23.8		µg/kg wet		20.0		119	70-130		
Bromomethane	18.9		µg/kg wet		20.0		94.5	50-140		
2-Butanone (MEK)	18.8		µg/kg wet		20.0		94.0	47.7-127		
n-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
sec-Butylbenzene	22.2		µg/kg wet		20.0		111	70-130		
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130		
Carbon disulfide	22.1		µg/kg wet		20.0		110	70-130		
Carbon tetrachloride	24.5		µg/kg wet		20.0		122	70-130		
Chlorobenzene	21.7		µg/kg wet		20.0		108	70-130		
Chloroethane	19.0		µg/kg wet		20.0		95.0	55.9-135		
Chloroform	21.3		µg/kg wet		20.0		106	70-130		
Chloromethane	19.7		µg/kg wet		20.0		98.5	70-130		
2-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130		
4-Chlorotoluene	22.6		µg/kg wet		20.0		113	70-130		
1,2-Dibromo-3-chloropropane	23.6		µg/kg wet		20.0		118	70-130		
Dibromochloromethane	26.0		µg/kg wet		20.0		130	70-130		
1,2-Dibromoethane (EDB)	23.7		µg/kg wet		20.0		118	70-130		
Dibromomethane	22.3		µg/kg wet		20.0		112	70-130		
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
1,4-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
Dichlorodifluoromethane (Freon12)	29.7		µg/kg wet		20.0		148	42.3-190		
1,1-Dichloroethane	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 7011575 - SW846 5030 Soil (high level)										
LCS (7011575-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,2-Dichloroethane	25.9		µg/kg wet		20.0		130	70-130		
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98.5	70-130		
cis-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130		
trans-1,2-Dichloroethene	20.3		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	19.7		µg/kg wet		20.0		98.5	70-130		
1,3-Dichloropropane	22.7		µg/kg wet		20.0		114	70-130		
2,2-Dichloropropane	20.3		µg/kg wet		20.0		102	70-130		
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130		
cis-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130		
trans-1,3-Dichloropropene	22.9		µg/kg wet		20.0		114	70-130		
Ethylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Hexachlorobutadiene	22.8		µg/kg wet		20.0		114	70-137		
2-Hexanone (MBK)	20.3		µg/kg wet		20.0		102	70-130		
Isopropylbenzene	21.0		µg/kg wet		20.0		105	70-130		
4-Isopropyltoluene	22.8		µg/kg wet		20.0		114	70-130		
Methyl tert-butyl ether	19.1		µg/kg wet		20.0		95.5	70-130		
4-Methyl-2-pentanone (MIBK)	20.7		µg/kg wet		20.0		104	48.5-127		
Methylene chloride	20.6		µg/kg wet		20.0		103	70-130		
Naphthalene	24.3		µg/kg wet		20.0		122	70-130		
n-Propylbenzene	20.4		µg/kg wet		20.0		102	70-130		
Styrene	23.0		µg/kg wet		20.0		115	70-130		
1,1,1,2-Tetrachloroethane	24.5		µg/kg wet		20.0		122	70-130		
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130		
Tetrachloroethene	22.3		µg/kg wet		20.0		112	70-130		
Toluene	19.9		µg/kg wet		20.0		99.5	70-130		
1,2,3-Trichlorobenzene	23.6		µg/kg wet		20.0		118	70-130		
1,2,4-Trichlorobenzene	22.3		µg/kg wet		20.0		112	70-130		
1,1,1-Trichloroethane	23.6		µg/kg wet		20.0		118	70-130		
1,1,2-Trichloroethane	22.0		µg/kg wet		20.0		110	70-130		
Trichloroethene	21.3		µg/kg wet		20.0		106	70-130		
Trichlorofluoromethane (Freon 11)	25.8		µg/kg wet		20.0		129	66.5-144		
1,2,3-Trichloropropane	25.2		µg/kg wet		20.0		126	70-130		
1,2,4-Trimethylbenzene	23.2		µg/kg wet		20.0		116	70-130		
1,3,5-Trimethylbenzene	23.7		µg/kg wet		20.0		118	70-130		
Vinyl chloride	29.7	QC2	µg/kg wet		20.0		148	70-130		
m,p-Xylene	42.4		µg/kg wet		40.0		106	70-130		
o-Xylene	22.5		µg/kg wet		20.0		112	70-130		
Tetrahydrofuran	20.4		µg/kg wet		20.0		102	70-130		
Ethyl ether	20.2		µg/kg wet		20.0		101	64.9-123		
Tert-amyl methyl ether	20.6		µg/kg wet		20.0		103	70-130		
Ethyl tert-butyl ether	18.6		µg/kg wet		20.0		93.0	70-130		
Di-isopropyl ether	16.6		µg/kg wet		20.0		83.0	70-130		
Tert-Butanol / butyl alcohol	189		µg/kg wet		200		94.5	70-130		
1,4-Dioxane	216		µg/kg wet		200		108	40-134		
Surrogate: 4-Bromofluorobenzene	*32.4*		µg/kg wet		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*37.5*		µg/kg wet		*30.0*		*125*	*70-130*		
Surrogate: Dibromofluoromethane	*34.8*		µg/kg wet		*30.0*		*116*	*70-130*		
LCS Dup (7011575-BSD1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	27.5	QC1	µg/kg wet		20.0		138	70-130	12.3	25
Acetone	22.2		µg/kg wet		20.0		111	3.31-159	5.56	50
Acrylonitrile	21.8		µg/kg wet		20.0		109	70-130	8.61	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011575 - SW846 5030 Soil (high level)										
LCS Dup (7011575-BSD1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Benzene	19.3		µg/kg wet		20.0		96.5	70-130	3.06	25
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130	0.858	25
Bromochloromethane	24.1		µg/kg wet		20.0		120	70-130	10.5	25
Bromodichloromethane	25.2		µg/kg wet		20.0		126	70-130	2.41	25
Bromoform	23.5		µg/kg wet		20.0		118	70-130	0.844	25
Bromomethane	21.4		µg/kg wet		20.0		107	50-140	12.4	50
2-Butanone (MEK)	21.8		µg/kg wet		20.0		109	47.7-127	14.8	50
n-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	1.87	25
sec-Butylbenzene	22.5		µg/kg wet		20.0		112	70-130	0.897	25
tert-Butylbenzene	23.7		µg/kg wet		20.0		118	70-130	0.00	25
Carbon disulfide	24.2		µg/kg wet		20.0		121	70-130	9.52	25
Carbon tetrachloride	24.4		µg/kg wet		20.0		122	70-130	0.00	25
Chlorobenzene	21.3		µg/kg wet		20.0		106	70-130	1.87	25
Chloroethane	20.6		µg/kg wet		20.0		103	55.9-135	8.08	50
Chloroform	22.6		µg/kg wet		20.0		113	70-130	6.39	25
Chloromethane	22.1		µg/kg wet		20.0		110	70-130	11.0	25
2-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	0.00	25
4-Chlorotoluene	22.7		µg/kg wet		20.0		114	70-130	0.881	25
1,2-Dibromo-3-chloropropane	22.9		µg/kg wet		20.0		114	70-130	3.45	25
Dibromochloromethane	28.0	QC1	µg/kg wet		20.0		140	72-125	7.41	50
1,2-Dibromoethane (EDB)	25.9		µg/kg wet		20.0		130	70-130	9.68	25
Dibromomethane	22.6		µg/kg wet		20.0		113	70-130	0.889	25
1,2-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	1.83	25
1,3-Dichlorobenzene	23.1		µg/kg wet		20.0		116	70-130	1.74	25
1,4-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130	0.00	25
Dichlorodifluoromethane (Freon12)	33.0		µg/kg wet		20.0		165	42.3-190	10.9	50
1,1-Dichloroethane	22.2		µg/kg wet		20.0		111	70-130	8.45	25
1,2-Dichloroethane	26.2	QC1	µg/kg wet		20.0		131	70-130	0.766	25
1,1-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130	8.27	25
cis-1,2-Dichloroethene	22.9		µg/kg wet		20.0		114	70-130	7.27	25
trans-1,2-Dichloroethene	21.2		µg/kg wet		20.0		106	70-130	3.85	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	1.51	25
1,3-Dichloropropane	25.2		µg/kg wet		20.0		126	70-130	10.0	25
2,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130	6.64	25
1,1-Dichloropropene	21.9		µg/kg wet		20.0		110	70-130	0.913	25
cis-1,3-Dichloropropene	23.4		µg/kg wet		20.0		117	70-130	7.08	25
trans-1,3-Dichloropropene	24.9		µg/kg wet		20.0		124	70-130	8.40	25
Ethylbenzene	21.1		µg/kg wet		20.0		106	70-130	0.00	25
Hexachlorobutadiene	24.0		µg/kg wet		20.0		120	70-137	5.13	50
2-Hexanone (MBK)	24.1		µg/kg wet		20.0		120	70-130	16.2	25
Isopropylbenzene	20.7		µg/kg wet		20.0		104	70-130	0.957	25
4-Isopropyltoluene	22.7		µg/kg wet		20.0		114	70-130	0.00	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	8.52	25
4-Methyl-2-pentanone (MIBK)	22.4		µg/kg wet		20.0		112	48.5-127	7.41	50
Methylene chloride	22.0		µg/kg wet		20.0		110	70-130	6.57	25
Naphthalene	23.0		µg/kg wet		20.0		115	70-130	5.91	25
n-Propylbenzene	20.5		µg/kg wet		20.0		102	70-130	0.00	25
Styrene	22.7		µg/kg wet		20.0		114	70-130	0.873	25
1,1,1,2-Tetrachloroethane	23.4		µg/kg wet		20.0		117	70-130	4.18	25
1,1,2,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130	0.00	25
Tetrachloroethene	24.9		µg/kg wet		20.0		124	70-130	10.2	25
Toluene	22.1		µg/kg wet		20.0		110	70-130	10.0	25
1,2,3-Trichlorobenzene	23.8		µg/kg wet		20.0		119	70-130	0.844	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011575 - SW846 5030 Soil (high level)										
LCS Dup (7011575-BSD1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
1,2,4-Trichlorobenzene	22.6		µg/kg wet		20.0		113	70-130	0.889	25
1,1,1-Trichloroethane	24.3		µg/kg wet		20.0		122	70-130	3.33	25
1,1,2-Trichloroethane	23.3		µg/kg wet		20.0		116	70-130	5.31	25
Trichloroethene	22.8		µg/kg wet		20.0		114	70-130	7.27	25
Trichlorofluoromethane (Freon 11)	28.5		µg/kg wet		20.0		142	66.5-144	9.59	50
1,2,3-Trichloropropane	24.9		µg/kg wet		20.0		124	70-130	1.60	25
1,2,4-Trimethylbenzene	23.2		µg/kg wet		20.0		116	70-130	0.00	25
1,3,5-Trimethylbenzene	23.9		µg/kg wet		20.0		120	70-130	1.68	25
Vinyl chloride	33.2	QC2	µg/kg wet		20.0		166	70-130	11.5	25
m,p-Xylene	41.8		µg/kg wet		40.0		104	70-130	1.90	25
o-Xylene	22.2		µg/kg wet		20.0		111	70-130	0.897	25
Tetrahydrofuran	19.2		µg/kg wet		20.0		96.0	70-130	6.06	25
Ethyl ether	21.6		µg/kg wet		20.0		108	64.9-123	6.70	50
Tert-amyl methyl ether	21.3		µg/kg wet		20.0		106	70-130	2.87	25
Ethyl tert-butyl ether	19.0		µg/kg wet		20.0		95.0	70-130	2.13	25
Di-isopropyl ether	18.2		µg/kg wet		20.0		91.0	70-130	9.20	25
Tert-Butanol / butyl alcohol	212		µg/kg wet		200		106	70-130	11.5	25
1,4-Dioxane	227		µg/kg wet		200		114	40-134	5.41	25
Surrogate: 4-Bromofluorobenzene	*31.6*		µg/kg wet		*30.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*33.4*		µg/kg wet		*30.0*		*111*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*37.6*		µg/kg wet		*30.0*		*125*	*70-130*		
Surrogate: Dibromofluoromethane	*35.2*		µg/kg wet		*30.0*		*117*	*70-130*		
Matrix Spike (7011575-MS1) **Source: SA57309-01**										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Benzene	19.0		µg/kg dry		20.0	BRL	95.0	70-130		
Chlorobenzene	22.0		µg/kg dry		20.0	BRL	110	70-130		
1,1-Dichloroethene	14.8		µg/kg dry		20.0	BRL	74.0	70-130		
Toluene	22.4		µg/kg dry		20.0	BRL	112	70-130		
Trichloroethene	19.8		µg/kg dry		20.0	BRL	99.0	70-130		
Surrogate: 4-Bromofluorobenzene	*32.3*		µg/kg dry		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*34.2*		µg/kg dry		*30.0*		*114*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.0*		µg/kg dry		*30.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg dry		*30.0*		*103*	*70-130*		
Matrix Spike Dup (7011575-MSD1) **Source: SA57309-01**										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Benzene	18.5		µg/kg dry		20.0	BRL	92.5	70-130	2.67	30
Chlorobenzene	22.0		µg/kg dry		20.0	BRL	110	70-130	0.00	30
1,1-Dichloroethene	14.5		µg/kg dry		20.0	BRL	72.5	70-130	2.05	30
Toluene	21.7		µg/kg dry		20.0	BRL	108	70-130	3.64	30
Trichloroethene	19.6		µg/kg dry		20.0	BRL	98.0	70-130	1.02	30
Surrogate: 4-Bromofluorobenzene	*32.6*		µg/kg dry		*30.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*33.3*		µg/kg dry		*30.0*		*111*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.7*		µg/kg dry		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Batch 7011580 - SW846 5035A Soil (low level)										
Blank (7011580-BLK1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	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 7011580 - SW846 5035A Soil (low level)										
Blank (7011580-BLK1)										
Prepared & Analyzed: 25-Jan-07										
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011580 - SW846 5035A Soil (low level)										
Blank (7011580-BLK1)										
Prepared & Analyzed: 25-Jan-07										
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	*47.4*		µg/kg wet		*50.0*		*94.8*	*70-130*		
Surrogate: Toluene-d8	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.0*		µg/kg wet		*50.0*		*118*	*70-130*		
Surrogate: Dibromofluoromethane	*52.8*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (7011580-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.5		µg/kg wet		20.0		77.5	70-130		
Acetone	25.8		µg/kg wet		20.0		129	3.31-159		
Acrylonitrile	18.9		µg/kg wet		20.0		94.5	70-130		
Benzene	21.3		µg/kg wet		20.0		106	70-130		
Bromobenzene	17.2		µg/kg wet		20.0		86.0	70-130		
Bromochloromethane	18.5		µg/kg wet		20.0		92.5	70-130		
Bromodichloromethane	22.4		µg/kg wet		20.0		112	70-130		
Bromoform	16.4		µg/kg wet		20.0		82.0	70-130		
Bromomethane	25.3		µg/kg wet		20.0		126	50-140		
2-Butanone (MEK)	21.0		µg/kg wet		20.0		105	47.7-127		
n-Butylbenzene	19.3		µg/kg wet		20.0		96.5	70-130		
sec-Butylbenzene	16.1		µg/kg wet		20.0		80.5	70-130		
tert-Butylbenzene	17.1		µg/kg wet		20.0		85.5	70-130		
Carbon disulfide	16.0		µg/kg wet		20.0		80.0	70-130		
Carbon tetrachloride	17.2		µg/kg wet		20.0		86.0	70-130		
Chlorobenzene	18.5		µg/kg wet		20.0		92.5	70-130		
Chloroethane	23.6		µg/kg wet		20.0		118	55.9-135		
Chloroform	23.2		µg/kg wet		20.0		116	70-130		
Chloromethane	23.7		µg/kg wet		20.0		118	70-130		
2-Chlorotoluene	18.5		µg/kg wet		20.0		92.5	70-130		
4-Chlorotoluene	18.4		µg/kg wet		20.0		92.0	70-130		
1,2-Dibromo-3-chloropropane	24.7		µg/kg wet		20.0		124	70-130		
Dibromochloromethane	19.0		µg/kg wet		20.0		95.0	72-125		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130		
1,3-Dichlorobenzene	16.6		µg/kg wet		20.0		83.0	70-130		
1,4-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		
Dichlorodifluoromethane (Freon12)	19.3		µg/kg wet		20.0		96.5	42.3-190		
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130		
1,2-Dichloroethane	21.7		µg/kg wet		20.0		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 7011580 - SW846 5035A Soil (low level)										
LCS (7011580-BS1)										
Prepared & Analyzed: 25-Jan-07										
1,1-Dichloroethene	15.4		µg/kg wet		20.0		77.0	70-130		
cis-1,2-Dichloroethene	20.7		µg/kg wet		20.0		104	70-130		
trans-1,2-Dichloroethene	17.1		µg/kg wet		20.0		85.5	70-130		
1,2-Dichloropropane	24.3		µg/kg wet		20.0		122	70-130		
1,3-Dichloropropane	22.4		µg/kg wet		20.0		112	70-130		
2,2-Dichloropropane	16.6		µg/kg wet		20.0		83.0	70-130		
1,1-Dichloropropene	19.1		µg/kg wet		20.0		95.5	70-130		
cis-1,3-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130		
trans-1,3-Dichloropropene	20.9		µg/kg wet		20.0		104	70-130		
Ethylbenzene	17.9		µg/kg wet		20.0		89.5	70-130		
Hexachlorobutadiene	15.4		µg/kg wet		20.0		77.0	70-137		
2-Hexanone (MBK)	19.3		µg/kg wet		20.0		96.5	70-130		
Isopropylbenzene	15.9		µg/kg wet		20.0		79.5	70-130		
4-Isopropyltoluene	18.4		µg/kg wet		20.0		92.0	70-130		
Methyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130		
4-Methyl-2-pentanone (MIBK)	18.7		µg/kg wet		20.0		93.5	48.5-127		
Methylene chloride	20.4		µg/kg wet		20.0		102	70-130		
Naphthalene	21.3		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	17.3		µg/kg wet		20.0		86.5	70-130		
Styrene	17.2		µg/kg wet		20.0		86.0	70-130		
1,1,1,2-Tetrachloroethane	18.2		µg/kg wet		20.0		91.0	70-130		
1,1,2,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	15.4		µg/kg wet		20.0		77.0	70-130		
Toluene	20.2		µg/kg wet		20.0		101	70-130		
1,2,3-Trichlorobenzene	19.0		µg/kg wet		20.0		95.0	70-130		
1,2,4-Trichlorobenzene	17.8		µg/kg wet		20.0		89.0	70-130		
1,1,1-Trichloroethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,1,2-Trichloroethane	22.8		µg/kg wet		20.0		114	70-130		
Trichloroethene	19.9		µg/kg wet		20.0		99.5	70-130		
Trichlorofluoromethane (Freon 11)	16.8		µg/kg wet		20.0		84.0	66.5-144		
1,2,3-Trichloropropane	24.7		µg/kg wet		20.0		124	70-130		
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91.0	70-130		
1,3,5-Trimethylbenzene	16.7		µg/kg wet		20.0		83.5	70-130		
Vinyl chloride	27.8	QC2	µg/kg wet		20.0		139	70-130		
m,p-Xylene	34.8		µg/kg wet		40.0		87.0	70-130		
o-Xylene	18.2		µg/kg wet		20.0		91.0	70-130		
Tetrahydrofuran	19.7		µg/kg wet		20.0		98.5	70-130		
Ethyl ether	21.0		µg/kg wet		20.0		105	64.9-123		
Tert-amyl methyl ether	22.6		µg/kg wet		20.0		113	70-130		
Ethyl tert-butyl ether	22.6		µg/kg wet		20.0		113	70-130		
Di-isopropyl ether	19.8		µg/kg wet		20.0		99.0	70-130		
Tert-Butanol / butyl alcohol	201		µg/kg wet		200		100	70-130		
1,4-Dioxane	235		µg/kg wet		200		118	40-134		
Surrogate: 4-Bromofluorobenzene	*46.8*		µg/kg wet		*50.0*		*93.6*	*70-130*		
Surrogate: Toluene-d8	*54.3*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.1*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
Batch 7011720 - SW846 5035A Soil (low level)										
Blank (7011720-BLK1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
Acrylonitrile	BRL		µg/kg wet	5.0						

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011720 - SW846 5035A Soil (low level)										
Blank (7011720-BLK1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011720 - SW846 5035A Soil (low level)										
Blank (7011720-BLK1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
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	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*60.8*		µg/kg wet		*50.0*		*122*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
LCS (7011720-BS1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.7		µg/kg wet		20.0		98.5	70-130		
Acetone	14.5		µg/kg wet		20.0		72.5	3.31-159		
Acrylonitrile	22.2		µg/kg wet		20.0		111	70-130		
Benzene	19.8		µg/kg wet		20.0		99.0	70-130		
Bromobenzene	20.0		µg/kg wet		20.0		100	70-130		
Bromochloromethane	19.8		µg/kg wet		20.0		99.0	70-130		
Bromodichloromethane	23.5		µg/kg wet		20.0		118	70-130		
Bromoform	26.0		µg/kg wet		20.0		130	70-130		
Bromomethane	21.8		µg/kg wet		20.0		109	50-140		
2-Butanone (MEK)	15.8		µg/kg wet		20.0		79.0	47.7-127		
n-Butylbenzene	16.8		µg/kg wet		20.0		84.0	70-130		
sec-Butylbenzene	19.7		µg/kg wet		20.0		98.5	70-130		
tert-Butylbenzene	20.2		µg/kg wet		20.0		101	70-130		
Carbon disulfide	17.4		µg/kg wet		20.0		87.0	70-130		
Carbon tetrachloride	21.7		µg/kg wet		20.0		108	70-130		
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
Chloroethane	19.4		µg/kg wet		20.0		97.0	55.9-135		
Chloroform	22.6		µg/kg wet		20.0		113	70-130		
Chloromethane	20.7		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
4-Chlorotoluene	19.7		µg/kg wet		20.0		98.5	70-130		
1,2-Dibromo-3-chloropropane	25.5		µg/kg wet		20.0		128	70-130		
Dibromochloromethane	23.2		µg/kg wet		20.0		116	72-125		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	20.2		µg/kg wet		20.0		101	42.3-190		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011720 - SW846 5035A Soil (low level)										
LCS (7011720-BS1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
1,1-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,2-Dichloroethane	22.7		µg/kg wet		20.0		114	70-130		
1,1-Dichloroethene	18.1		µg/kg wet		20.0		90.5	70-130		
cis-1,2-Dichloroethene	20.6		µg/kg wet		20.0		103	70-130		
trans-1,2-Dichloroethene	17.9		µg/kg wet		20.0		89.5	70-130		
1,2-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichloropropane	21.0		µg/kg wet		20.0		105	70-130		
2,2-Dichloropropane	16.4		µg/kg wet		20.0		82.0	70-130		
1,1-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130		
cis-1,3-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130		
trans-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Hexachlorobutadiene	16.3		µg/kg wet		20.0		81.5	70-137		
2-Hexanone (MBK)	19.9		µg/kg wet		20.0		99.5	70-130		
Isopropylbenzene	18.9		µg/kg wet		20.0		94.5	70-130		
4-Isopropyltoluene	19.7		µg/kg wet		20.0		98.5	70-130		
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	21.9		µg/kg wet		20.0		110	48.5-127		
Methylene chloride	18.8		µg/kg wet		20.0		94.0	70-130		
Naphthalene	10.1	QC2	µg/kg wet		20.0		50.5	70-130		
n-Propylbenzene	18.2		µg/kg wet		20.0		91.0	70-130		
Styrene	22.5		µg/kg wet		20.0		112	70-130		
1,1,1,2-Tetrachloroethane	23.8		µg/kg wet		20.0		119	70-130		
1,1,2,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96.0	70-130		
Tetrachloroethene	18.2		µg/kg wet		20.0		91.0	70-130		
Toluene	19.7		µg/kg wet		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	9.8	QC2	µg/kg wet		20.0		49.0	70-130		
1,2,4-Trichlorobenzene	9.0	QC2	µg/kg wet		20.0		45.0	70-130		
1,1,1-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1,2-Trichloroethane	23.5		µg/kg wet		20.0		118	70-130		
Trichloroethene	21.9		µg/kg wet		20.0		110	70-130		
Trichlorofluoromethane (Freon 11)	20.1		µg/kg wet		20.0		100	66.5-144		
1,2,3-Trichloropropane	23.5		µg/kg wet		20.0		118	70-130		
1,2,4-Trimethylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
1,3,5-Trimethylbenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Vinyl chloride	24.0		µg/kg wet		20.0		120	70-130		
m,p-Xylene	39.9		µg/kg wet		40.0		99.8	70-130		
o-Xylene	20.8		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	21.6		µg/kg wet		20.0		108	70-130		
Ethyl ether	19.9		µg/kg wet		20.0		99.5	64.9-123		
Tert-amyl methyl ether	23.2		µg/kg wet		20.0		116	70-130		
Ethyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130		
Di-isopropyl ether	21.1		µg/kg wet		20.0		106	70-130		
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99.0	70-130		
1,4-Dioxane	185		µg/kg wet		200		92.5	40-134		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.6*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS Dup (7011720-BSD1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.9		µg/kg wet		20.0		124	70-130	22.9	25
Acetone	16.3		µg/kg wet		20.0		81.5	3.31-159	11.7	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011720 - SW846 5035A Soil (low level)										
LCS Dup (7011720-BSD1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
Acrylonitrile	22.6		µg/kg wet		20.0		113	70-130	1.79	25
Benzene	20.2		µg/kg wet		20.0		101	70-130	2.00	25
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130	4.88	25
Bromochloromethane	20.1		µg/kg wet		20.0		100	70-130	1.01	25
Bromodichloromethane	23.8		µg/kg wet		20.0		119	70-130	0.844	25
Bromoform	25.8		µg/kg wet		20.0		129	70-130	0.772	25
Bromomethane	21.7		µg/kg wet		20.0		108	50-140	0.922	50
2-Butanone (MEK)	16.2		µg/kg wet		20.0		81.0	47.7-127	2.50	50
n-Butylbenzene	23.8	QR2	µg/kg wet		20.0		119	70-130	34.5	25
sec-Butylbenzene	22.6		µg/kg wet		20.0		113	70-130	13.7	25
tert-Butylbenzene	21.9		µg/kg wet		20.0		110	70-130	8.53	25
Carbon disulfide	17.8		µg/kg wet		20.0		89.0	70-130	2.27	25
Carbon tetrachloride	22.8		µg/kg wet		20.0		114	70-130	5.41	25
Chlorobenzene	20.9		µg/kg wet		20.0		104	70-130	3.92	25
Chloroethane	19.9		µg/kg wet		20.0		99.5	55.9-135	2.54	50
Chloroform	23.0		µg/kg wet		20.0		115	70-130	1.75	25
Chloromethane	20.9		µg/kg wet		20.0		104	70-130	0.00	25
2-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130	5.61	25
4-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130	12.8	25
1,2-Dibromo-3-chloropropane	25.4		µg/kg wet		20.0		127	70-130	0.784	25
Dibromochloromethane	23.1		µg/kg wet		20.0		116	72-125	0.00	50
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		106	70-130	0.948	25
Dibromomethane	20.8		µg/kg wet		20.0		104	70-130	0.00	25
1,2-Dichlorobenzene	22.1		µg/kg wet		20.0		110	70-130	4.65	25
1,3-Dichlorobenzene	22.5		µg/kg wet		20.0		112	70-130	10.3	25
1,4-Dichlorobenzene	22.2		µg/kg wet		20.0		111	70-130	10.4	25
Dichlorodifluoromethane (Freon12)	23.6		µg/kg wet		20.0		118	42.3-190	15.5	50
1,1-Dichloroethane	21.0		µg/kg wet		20.0		105	70-130	0.00	25
1,2-Dichloroethane	22.7		µg/kg wet		20.0		114	70-130	0.00	25
1,1-Dichloroethene	19.3		µg/kg wet		20.0		96.5	70-130	6.42	25
cis-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	0.976	25
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93.5	70-130	4.37	25
1,2-Dichloropropane	21.5		µg/kg wet		20.0		108	70-130	1.87	25
1,3-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	2.82	25
2,2-Dichloropropane	16.4		µg/kg wet		20.0		82.0	70-130	0.00	25
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130	7.84	25
cis-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	0.976	25
trans-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	2.87	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	6.83	25
Hexachlorobutadiene	23.0		µg/kg wet		20.0		115	70-137	34.1	50
2-Hexanone (MBK)	20.6		µg/kg wet		20.0		103	70-130	3.46	25
Isopropylbenzene	20.5		µg/kg wet		20.0		102	70-130	7.63	25
4-Isopropyltoluene	23.6		µg/kg wet		20.0		118	70-130	18.0	25
Methyl tert-butyl ether	20.5		µg/kg wet		20.0		102	70-130	0.00	25
4-Methyl-2-pentanone (MIBK)	22.6		µg/kg wet		20.0		113	48.5-127	2.69	50
Methylene chloride	18.8		µg/kg wet		20.0		94.0	70-130	0.00	25
Naphthalene	11.3	QC2	µg/kg wet		20.0		56.5	70-130	11.2	25
n-Propylbenzene	21.7		µg/kg wet		20.0		108	70-130	17.1	25
Styrene	23.8		µg/kg wet		20.0		119	70-130	6.06	25
1,1,1,2-Tetrachloroethane	23.9		µg/kg wet		20.0		120	70-130	0.837	25
1,1,2,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98.5	70-130	2.57	25
Tetrachloroethene	21.5		µg/kg wet		20.0		108	70-130	17.1	25
Toluene	20.4		µg/kg wet		20.0		102	70-130	3.49	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011720 - SW846 5035A Soil (low level)										
LCS Dup (7011720-BSD1)										
Prepared: 29-Jan-07 Analyzed: 30-Jan-07										
1,2,3-Trichlorobenzene	11.3	QC2	µg/kg wet		20.0		56.5	70-130	14.2	25
1,2,4-Trichlorobenzene	11.3	QC2	µg/kg wet		20.0		56.5	70-130	22.7	25
1,1,1-Trichloroethane	21.5		µg/kg wet		20.0		108	70-130	0.930	25
1,1,2-Trichloroethane	23.8		µg/kg wet		20.0		119	70-130	0.844	25
Trichloroethene	22.6		µg/kg wet		20.0		113	70-130	2.69	25
Trichlorofluoromethane (Freon 11)	22.2		µg/kg wet		20.0		111	66.5-144	10.4	50
1,2,3-Trichloropropane	23.9		µg/kg wet		20.0		120	70-130	1.68	25
1,2,4-Trimethylbenzene	22.0		µg/kg wet		20.0		110	70-130	12.6	25
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	9.62	25
Vinyl chloride	24.0		µg/kg wet		20.0		120	70-130	0.00	25
m,p-Xylene	43.6		µg/kg wet		40.0		109	70-130	8.81	25
o-Xylene	21.0		µg/kg wet		20.0		105	70-130	0.957	25
Tetrahydrofuran	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Ethyl ether	20.3		µg/kg wet		20.0		102	64.9-123	2.48	50
Tert-amyl methyl ether	22.0		µg/kg wet		20.0		110	70-130	5.31	25
Ethyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130	0.00	25
Di-isopropyl ether	21.2		µg/kg wet		20.0		106	70-130	0.00	25
Tert-Butanol / butyl alcohol	231		µg/kg wet		200		116	70-130	15.8	25
1,4-Dioxane	229		µg/kg wet		200		114	40-134	20.8	25
Surrogate: 4-Bromofluorobenzene	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Batch 7011823 - SW846 5035A Soil (low level)										
Blank (7011823-BLK1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	100						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011823 - SW846 5035A Soil (low level)										
Blank (7011823-BLK1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
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						
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	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*62.7*		µg/kg wet		*50.0*		*125*	*70-130*		
Surrogate: Dibromofluoromethane	*53.7*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (7011823-BS1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011823 - SW846 5035A Soil (low level)										
LCS (7011823-BS1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.6		µg/kg wet		20.0		108	70-130		
Acetone	10.4		µg/kg wet		20.0		52.0	3.31-159		
Acrylonitrile	19.9		µg/kg wet		20.0		99.5	70-130		
Benzene	19.6		µg/kg wet		20.0		98.0	70-130		
Bromobenzene	21.4		µg/kg wet		20.0		107	70-130		
Bromochloromethane	20.2		µg/kg wet		20.0		101	70-130		
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130		
Bromoform	20.8		µg/kg wet		20.0		104	70-130		
Bromomethane	18.5		µg/kg wet		20.0		92.5	50-140		
2-Butanone (MEK)	14.3		µg/kg wet		20.0		71.5	47.7-127		
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130		
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Carbon disulfide	17.1		µg/kg wet		20.0		85.5	70-130		
Carbon tetrachloride	20.1		µg/kg wet		20.0		100	70-130		
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
Chloroethane	18.6		µg/kg wet		20.0		93.0	55.9-135		
Chloroform	20.9		µg/kg wet		20.0		104	70-130		
Chloromethane	19.8		µg/kg wet		20.0		99.0	70-130		
2-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130		
4-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	20.5		µg/kg wet		20.0		102	70-130		
Dibromochloromethane	19.6		µg/kg wet		20.0		98.0	72-125		
1,2-Dibromoethane (EDB)	20.8		µg/kg wet		20.0		104	70-130		
Dibromomethane	20.2		µg/kg wet		20.0		101	70-130		
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,4-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	24.2		µg/kg wet		20.0		121	42.3-190		
1,1-Dichloroethane	19.8		µg/kg wet		20.0		99.0	70-130		
1,2-Dichloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93.0	70-130		
cis-1,2-Dichloroethene	21.0		µg/kg wet		20.0		105	70-130		
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98.5	70-130		
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
1,3-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130		
2,2-Dichloropropane	18.3		µg/kg wet		20.0		91.5	70-130		
1,1-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
trans-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98.5	70-130		
Ethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Hexachlorobutadiene	21.5		µg/kg wet		20.0		108	70-137		
2-Hexanone (MBK)	17.7		µg/kg wet		20.0		88.5	70-130		
Isopropylbenzene	20.0		µg/kg wet		20.0		100	70-130		
4-Isopropyltoluene	21.9		µg/kg wet		20.0		110	70-130		
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98.0	48.5-127		
Methylene chloride	17.8		µg/kg wet		20.0		89.0	70-130		
Naphthalene	15.1		µg/kg wet		20.0		75.5	70-130		
n-Propylbenzene	20.1		µg/kg wet		20.0		100	70-130		
Styrene	23.6		µg/kg wet		20.0		118	70-130		
1,1,1,2-Tetrachloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	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 7011823 - SW846 5035A Soil (low level)										
LCS (7011823-BS1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
Tetrachloroethene	21.2		µg/kg wet		20.0		106	70-130		
Toluene	20.0		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	16.7		µg/kg wet		20.0		83.5	70-130		
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83.5	70-130		
1,1,1-Trichloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130		
Trichloroethene	20.8		µg/kg wet		20.0		104	70-130		
Trichlorofluoromethane (Freon 11)	22.1		µg/kg wet		20.0		110	66.5-144		
1,2,3-Trichloropropane	22.4		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	22.1		µg/kg wet		20.0		110	70-130		
1,3,5-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130		
Vinyl chloride	22.2		µg/kg wet		20.0		111	70-130		
m,p-Xylene	42.2		µg/kg wet		40.0		106	70-130		
o-Xylene	21.2		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	19.3		µg/kg wet		20.0		96.5	70-130		
Ethyl ether	18.8		µg/kg wet		20.0		94.0	64.9-123		
Tert-amyl methyl ether	21.6		µg/kg wet		20.0		108	70-130		
Ethyl tert-butyl ether	21.2		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	19.7		µg/kg wet		20.0		98.5	70-130		
Tert-Butanol / butyl alcohol	183		µg/kg wet		200		91.5	70-130		
1,4-Dioxane	215		µg/kg wet		200		108	40-134		
Surrogate: 4-Bromofluorobenzene	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.1*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (7011823-BSD1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.8		µg/kg wet		20.0		114	70-130	5.41	25
Acetone	10.4		µg/kg wet		20.0		52.0	3.31-159	0.00	50
Acrylonitrile	17.5		µg/kg wet		20.0		87.5	70-130	12.8	25
Benzene	19.9		µg/kg wet		20.0		99.5	70-130	1.52	25
Bromobenzene	21.0		µg/kg wet		20.0		105	70-130	1.89	25
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130	0.995	25
Bromodichloromethane	20.6		µg/kg wet		20.0		103	70-130	3.81	25
Bromoform	19.6		µg/kg wet		20.0		98.0	70-130	5.94	25
Bromomethane	18.7		µg/kg wet		20.0		93.5	50-140	1.08	50
2-Butanone (MEK)	13.2		µg/kg wet		20.0		66.0	47.7-127	8.00	50
n-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	4.69	25
sec-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130	1.83	25
tert-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	0.00	25
Carbon disulfide	18.5		µg/kg wet		20.0		92.5	70-130	7.87	25
Carbon tetrachloride	21.1		µg/kg wet		20.0		106	70-130	5.83	25
Chlorobenzene	21.1		µg/kg wet		20.0		106	70-130	1.90	25
Chloroethane	18.9		µg/kg wet		20.0		94.5	55.9-135	1.60	50
Chloroform	20.8		µg/kg wet		20.0		104	70-130	0.00	25
Chloromethane	20.4		µg/kg wet		20.0		102	70-130	2.99	25
2-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130	1.87	25
4-Chlorotoluene	20.8		µg/kg wet		20.0		104	70-130	1.90	25
1,2-Dibromo-3-chloropropane	17.1		µg/kg wet		20.0		85.5	70-130	17.6	25
Dibromochloromethane	18.4		µg/kg wet		20.0		92.0	72-125	6.32	50
1,2-Dibromoethane (EDB)	20.0		µg/kg wet		20.0		100	70-130	3.92	25
Dibromomethane	19.4		µg/kg wet		20.0		97.0	70-130	4.04	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	3.85	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011823 - SW846 5035A Soil (low level)										
LCS Dup (7011823-BSD1)										
Prepared: 30-Jan-07 Analyzed: 31-Jan-07										
1,3-Dichlorobenzene	21.5		µg/kg wet		20.0		108	70-130	1.83	25
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		102	70-130	1.94	25
Dichlorodifluoromethane (Freon12)	24.7		µg/kg wet		20.0		124	42.3-190	2.45	50
1,1-Dichloroethane	20.1		µg/kg wet		20.0		100	70-130	1.01	25
1,2-Dichloroethane	21.3		µg/kg wet		20.0		106	70-130	2.79	25
1,1-Dichloroethene	19.3		µg/kg wet		20.0		96.5	70-130	3.69	25
cis-1,2-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130	0.957	25
trans-1,2-Dichloroethene	20.1		µg/kg wet		20.0		100	70-130	1.51	25
1,2-Dichloropropane	19.9		µg/kg wet		20.0		99.5	70-130	0.501	25
1,3-Dichloropropane	18.9		µg/kg wet		20.0		94.5	70-130	5.66	25
2,2-Dichloropropane	18.8		µg/kg wet		20.0		94.0	70-130	2.70	25
1,1-Dichloropropene	21.4		µg/kg wet		20.0		107	70-130	4.78	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96.0	70-130	2.57	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130	3.62	25
Ethylbenzene	21.2		µg/kg wet		20.0		106	70-130	3.85	25
Hexachlorobutadiene	20.3		µg/kg wet		20.0		102	70-137	5.71	50
2-Hexanone (MBK)	16.1		µg/kg wet		20.0		80.5	70-130	9.47	25
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130	2.96	25
4-Isopropyltoluene	22.4		µg/kg wet		20.0		112	70-130	1.80	25
Methyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	2.93	25
4-Methyl-2-pentanone (MIBK)	17.8		µg/kg wet		20.0		89.0	48.5-127	9.63	50
Methylene chloride	17.8		µg/kg wet		20.0		89.0	70-130	0.00	25
Naphthalene	18.8		µg/kg wet		20.0		94.0	70-130	21.8	25
n-Propylbenzene	21.2		µg/kg wet		20.0		106	70-130	5.83	25
Styrene	23.7		µg/kg wet		20.0		118	70-130	0.00	25
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130	0.00	25
1,1,2,2-Tetrachloroethane	18.9		µg/kg wet		20.0		94.5	70-130	7.63	25
Tetrachloroethene	21.4		µg/kg wet		20.0		107	70-130	0.939	25
Toluene	20.3		µg/kg wet		20.0		102	70-130	1.98	25
1,2,3-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	23.7	25
1,2,4-Trichlorobenzene	20.7		µg/kg wet		20.0		104	70-130	21.9	25
1,1,1-Trichloroethane	21.7		µg/kg wet		20.0		108	70-130	3.77	25
1,1,2-Trichloroethane	20.6		µg/kg wet		20.0		103	70-130	3.81	25
Trichloroethene	21.2		µg/kg wet		20.0		106	70-130	1.90	25
Trichlorofluoromethane (Freon 11)	23.5		µg/kg wet		20.0		118	66.5-144	7.02	50
1,2,3-Trichloropropane	21.2		µg/kg wet		20.0		106	70-130	5.50	25
1,2,4-Trimethylbenzene	22.6		µg/kg wet		20.0		113	70-130	2.69	25
1,3,5-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130	1.82	25
Vinyl chloride	23.9		µg/kg wet		20.0		120	70-130	7.79	25
m,p-Xylene	43.2		µg/kg wet		40.0		108	70-130	1.87	25
o-Xylene	21.4		µg/kg wet		20.0		107	70-130	0.939	25
Tetrahydrofuran	17.9		µg/kg wet		20.0		89.5	70-130	7.53	25
Ethyl ether	17.7		µg/kg wet		20.0		88.5	64.9-123	6.03	50
Tert-amyl methyl ether	20.8		µg/kg wet		20.0		104	70-130	3.77	25
Ethyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130	4.83	25
Di-isopropyl ether	19.1		µg/kg wet		20.0		95.5	70-130	3.09	25
Tert-Butanol / butyl alcohol	167		µg/kg wet		200		83.5	70-130	9.14	25
1,4-Dioxane	186		µg/kg wet		200		93.0	40-134	14.9	25
Surrogate: 4-Bromofluorobenzene	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.5*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/kg wet		*50.0*		*102*	*70-130*		
Batch 7020019 - SW846 5030 Soil (high level)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7020019 - SW846 5030 Soil (high level)										
Blank (7020019-BLK1)										
Prepared & Analyzed: 01-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	20.0						
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7020019 - SW846 5030 Soil (high level)										
Blank (7020019-BLK1)										
Prepared & Analyzed: 01-Feb-07										
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	*30.3*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.2*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*31.3*		µg/kg wet		*30.0*		*104*	*70-130*		
LCS (7020019-BS1)										
Prepared & Analyzed: 01-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.6		µg/kg wet		20.0		83.0	70-130		
Acetone	22.8		µg/kg wet		20.0		114	3.31-159		
Acrylonitrile	22.6		µg/kg wet		20.0		113	70-130		
Benzene	16.8		µg/kg wet		20.0		84.0	70-130		
Bromobenzene	18.5		µg/kg wet		20.0		92.5	70-130		
Bromochloromethane	20.3		µg/kg wet		20.0		102	70-130		
Bromodichloromethane	19.7		µg/kg wet		20.0		98.5	70-130		
Bromoform	23.1		µg/kg wet		20.0		116	70-130		
Bromomethane	14.8		µg/kg wet		20.0		74.0	50-140		
2-Butanone (MEK)	20.0		µg/kg wet		20.0		100	47.7-127		
n-Butylbenzene	15.4		µg/kg wet		20.0		77.0	70-130		
sec-Butylbenzene	16.3		µg/kg wet		20.0		81.5	70-130		
tert-Butylbenzene	17.0		µg/kg wet		20.0		85.0	70-130		
Carbon disulfide	17.6		µg/kg wet		20.0		88.0	70-130		
Carbon tetrachloride	17.6		µg/kg wet		20.0		88.0	70-130		
Chlorobenzene	17.0		µg/kg wet		20.0		85.0	70-130		
Chloroethane	14.5		µg/kg wet		20.0		72.5	55.9-135		
Chloroform	19.1		µg/kg wet		20.0		95.5	70-130		
Chloromethane	14.9		µg/kg wet		20.0		74.5	70-130		
2-Chlorotoluene	15.9		µg/kg wet		20.0		79.5	70-130		
4-Chlorotoluene	16.8		µg/kg wet		20.0		84.0	70-130		
1,2-Dibromo-3-chloropropane	22.8		µg/kg wet		20.0		114	70-130		
Dibromochloromethane	22.2		µg/kg wet		20.0		111	72-125		
1,2-Dibromoethane (EDB)	22.2		µg/kg wet		20.0		111	70-130		
Dibromomethane	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichlorobenzene	17.8		µg/kg wet		20.0		89.0	70-130		
1,3-Dichlorobenzene	18.3		µg/kg wet		20.0		91.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7020019 - SW846 5030 Soil (high level)										
LCS (7020019-BS1)										
Prepared & Analyzed: 01-Feb-07										
1,4-Dichlorobenzene	17.2		µg/kg wet		20.0		86.0	70-130		
Dichlorodifluoromethane (Freon12)	17.2		µg/kg wet		20.0		86.0	42.3-190		
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85.0	70-130		
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1-Dichloroethene	15.9		µg/kg wet		20.0		79.5	70-130		
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130		
trans-1,2-Dichloroethene	16.5		µg/kg wet		20.0		82.5	70-130		
1,2-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130		
1,3-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130		
2,2-Dichloropropane	15.6		µg/kg wet		20.0		78.0	70-130		
1,1-Dichloropropene	17.0		µg/kg wet		20.0		85.0	70-130		
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,3-Dichloropropene	21.1		µg/kg wet		20.0		106	70-130		
Ethylbenzene	16.2		µg/kg wet		20.0		81.0	70-130		
Hexachlorobutadiene	16.6		µg/kg wet		20.0		83.0	70-137		
2-Hexanone (MBK)	26.3	QC1	µg/kg wet		20.0		132	70-130		
Isopropylbenzene	15.6		µg/kg wet		20.0		78.0	70-130		
4-Isopropyltoluene	16.6		µg/kg wet		20.0		83.0	70-130		
Methyl tert-butyl ether	21.9		µg/kg wet		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	24.4		µg/kg wet		20.0		122	48.5-127		
Methylene chloride	16.0		µg/kg wet		20.0		80.0	70-130		
Naphthalene	21.1		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	15.8		µg/kg wet		20.0		79.0	70-130		
Styrene	17.7		µg/kg wet		20.0		88.5	70-130		
1,1,1,2-Tetrachloroethane	19.0		µg/kg wet		20.0		95.0	70-130		
1,1,2,2-Tetrachloroethane	20.1		µg/kg wet		20.0		100	70-130		
Tetrachloroethene	17.6		µg/kg wet		20.0		88.0	70-130		
Toluene	17.4		µg/kg wet		20.0		87.0	70-130		
1,2,3-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
1,2,4-Trichlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
1,1,1-Trichloroethane	17.2		µg/kg wet		20.0		86.0	70-130		
1,1,2-Trichloroethane	21.9		µg/kg wet		20.0		110	70-130		
Trichloroethene	18.3		µg/kg wet		20.0		91.5	70-130		
Trichlorofluoromethane (Freon 11)	17.7		µg/kg wet		20.0		88.5	66.5-144		
1,2,3-Trichloropropane	23.3		µg/kg wet		20.0		116	70-130		
1,2,4-Trimethylbenzene	17.5		µg/kg wet		20.0		87.5	70-130		
1,3,5-Trimethylbenzene	17.2		µg/kg wet		20.0		86.0	70-130		
Vinyl chloride	19.1		µg/kg wet		20.0		95.5	70-130		
m,p-Xylene	33.1		µg/kg wet		40.0		82.8	70-130		
o-Xylene	17.7		µg/kg wet		20.0		88.5	70-130		
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130		
Ethyl ether	20.5		µg/kg wet		20.0		102	64.9-123		
Tert-amyl methyl ether	21.2		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130		
Di-isopropyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
Tert-Butanol / butyl alcohol	259		µg/kg wet		200		130	70-130		
1,4-Dioxane	211		µg/kg wet		200		106	40-134		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*35.6*		µg/kg wet		*30.0*		*119*	*70-130*		
Surrogate: Dibromofluoromethane	*33.0*		µg/kg wet		*30.0*		*110*	*70-130*		
LCS Dup (7020019-BSD1)										
Prepared & Analyzed: 01-Feb-07										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7020019 - SW846 5030 Soil (high level)										
LCS Dup (7020019-BSD1)										
Prepared & Analyzed: 01-Feb-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.0		µg/kg wet		20.0		90.0	70-130	8.09	25
Acetone	19.2		µg/kg wet		20.0		96.0	3.31-159	17.1	50
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130	12.2	25
Benzene	16.7		µg/kg wet		20.0		83.5	70-130	0.597	25
Bromobenzene	17.9		µg/kg wet		20.0		89.5	70-130	3.30	25
Bromochloromethane	19.8		µg/kg wet		20.0		99.0	70-130	2.99	25
Bromodichloromethane	18.4		µg/kg wet		20.0		92.0	70-130	6.82	25
Bromoform	21.8		µg/kg wet		20.0		109	70-130	6.22	25
Bromomethane	15.2		µg/kg wet		20.0		76.0	50-140	2.67	50
2-Butanone (MEK)	20.7		µg/kg wet		20.0		104	47.7-127	3.92	50
n-Butylbenzene	15.5		µg/kg wet		20.0		77.5	70-130	0.647	25
sec-Butylbenzene	16.9		µg/kg wet		20.0		84.5	70-130	3.61	25
tert-Butylbenzene	17.3		µg/kg wet		20.0		86.5	70-130	1.75	25
Carbon disulfide	15.7		µg/kg wet		20.0		78.5	70-130	11.4	25
Carbon tetrachloride	18.2		µg/kg wet		20.0		91.0	70-130	3.35	25
Chlorobenzene	16.8		µg/kg wet		20.0		84.0	70-130	1.18	25
Chloroethane	14.4		µg/kg wet		20.0		72.0	55.9-135	0.692	50
Chloroform	18.8		µg/kg wet		20.0		94.0	70-130	1.58	25
Chloromethane	16.7		µg/kg wet		20.0		83.5	70-130	11.4	25
2-Chlorotoluene	15.7		µg/kg wet		20.0		78.5	70-130	1.27	25
4-Chlorotoluene	17.1		µg/kg wet		20.0		85.5	70-130	1.77	25
1,2-Dibromo-3-chloropropane	21.2		µg/kg wet		20.0		106	70-130	7.27	25
Dibromochloromethane	21.1		µg/kg wet		20.0		106	72-125	4.61	50
1,2-Dibromoethane (EDB)	20.4		µg/kg wet		20.0		102	70-130	8.45	25
Dibromomethane	19.4		µg/kg wet		20.0		97.0	70-130	6.97	25
1,2-Dichlorobenzene	16.9		µg/kg wet		20.0		84.5	70-130	5.19	25
1,3-Dichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130	0.548	25
1,4-Dichlorobenzene	16.8		µg/kg wet		20.0		84.0	70-130	2.35	25
Dichlorodifluoromethane (Freon12)	17.9		µg/kg wet		20.0		89.5	42.3-190	3.99	50
1,1-Dichloroethane	17.1		µg/kg wet		20.0		85.5	70-130	0.587	25
1,2-Dichloroethane	20.6		µg/kg wet		20.0		103	70-130	3.81	25
1,1-Dichloroethene	16.2		µg/kg wet		20.0		81.0	70-130	1.87	25
cis-1,2-Dichloroethene	18.1		µg/kg wet		20.0		90.5	70-130	2.19	25
trans-1,2-Dichloroethene	16.1		µg/kg wet		20.0		80.5	70-130	2.45	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85.0	70-130	9.52	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130	8.35	25
2,2-Dichloropropane	15.4		µg/kg wet		20.0		77.0	70-130	1.29	25
1,1-Dichloropropene	17.0		µg/kg wet		20.0		85.0	70-130	0.00	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		89.5	70-130	9.07	25
trans-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130	10.9	25
Ethylbenzene	16.4		µg/kg wet		20.0		82.0	70-130	1.23	25
Hexachlorobutadiene	16.4		µg/kg wet		20.0		82.0	70-137	1.21	50
2-Hexanone (MBK)	19.8	QR5	µg/kg wet		20.0		99.0	70-130	28.6	25
Isopropylbenzene	15.8		µg/kg wet		20.0		79.0	70-130	1.27	25
4-Isopropyltoluene	16.9		µg/kg wet		20.0		84.5	70-130	1.79	25
Methyl tert-butyl ether	20.8		µg/kg wet		20.0		104	70-130	5.61	25
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	48.5-127	19.8	50
Methylene chloride	15.4		µg/kg wet		20.0		77.0	70-130	3.82	25
Naphthalene	19.8		µg/kg wet		20.0		99.0	70-130	6.83	25
n-Propylbenzene	16.3		µg/kg wet		20.0		81.5	70-130	3.12	25
Styrene	17.7		µg/kg wet		20.0		88.5	70-130	0.00	25
1,1,1,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96.0	70-130	1.05	25
1,1,2,2-Tetrachloroethane	18.3		µg/kg wet		20.0		91.5	70-130	8.88	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7020019 - SW846 5030 Soil (high level)										
LCS Dup (7020019-BSD1)										
Prepared & Analyzed: 01-Feb-07										
Tetrachloroethene	16.9		µg/kg wet		20.0		84.5	70-130	4.06	25
Toluene	16.9		µg/kg wet		20.0		84.5	70-130	2.92	25
1,2,3-Trichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	5.83	25
1,2,4-Trichlorobenzene	18.2		µg/kg wet		20.0		91.0	70-130	5.35	25
1,1,1-Trichloroethane	17.4		µg/kg wet		20.0		87.0	70-130	1.16	25
1,1,2-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	9.52	25
Trichloroethene	18.4		µg/kg wet		20.0		92.0	70-130	0.545	25
Trichlorofluoromethane (Freon 11)	18.5		µg/kg wet		20.0		92.5	66.5-144	4.42	50
1,2,3-Trichloropropane	21.6		µg/kg wet		20.0		108	70-130	7.14	25
1,2,4-Trimethylbenzene	17.4		µg/kg wet		20.0		87.0	70-130	0.573	25
1,3,5-Trimethylbenzene	17.3		µg/kg wet		20.0		86.5	70-130	0.580	25
Vinyl chloride	18.9		µg/kg wet		20.0		94.5	70-130	1.05	25
m,p-Xylene	33.7		µg/kg wet		40.0		84.2	70-130	1.68	25
o-Xylene	17.3		µg/kg wet		20.0		86.5	70-130	2.29	25
Tetrahydrofuran	18.6		µg/kg wet		20.0		93.0	70-130	11.2	25
Ethyl ether	18.4		µg/kg wet		20.0		92.0	64.9-123	10.3	50
Tert-amyl methyl ether	19.8		µg/kg wet		20.0		99.0	70-130	6.83	25
Ethyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	5.83	25
Di-isopropyl ether	17.3		µg/kg wet		20.0		86.5	70-130	2.29	25
Tert-Butanol / butyl alcohol	228		µg/kg wet		200		114	70-130	13.1	25
1,4-Dioxane	167		µg/kg wet		200		83.5	40-134	23.7	25
Surrogate: 4-Bromofluorobenzene	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/kg wet		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.2*		µg/kg wet		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*32.1*		µg/kg wet		*30.0*		*107*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011503 - SW846 3510C										
Blank (7011503-BLK1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-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	*0.0493*		mg/l		*0.0500*		*98.6*	*40-140*		
LCS (7011503-BS1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
C9-C36 Aliphatic Hydrocarbons	1.3		mg/l	0.05	1.40		92.9	60-120		
Surrogate: 1-Chlorooctadecane	*0.0501*		mg/l		*0.0500*		*100*	*60-120*		
Matrix Spike (7011503-MS1) Source: SA57272-07										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
C9-C36 Aliphatic Hydrocarbons	1.6		mg/l	0.05	1.47	BRL	109	50-150		
Surrogate: 1-Chlorooctadecane	*0.0454*		mg/l		*0.0526*		*86.3*	*40-140*		
Matrix Spike Dup (7011503-MSD1) Source: SA57272-07										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
C9-C36 Aliphatic Hydrocarbons	1.8		mg/l	0.06	1.56	BRL	115	50-150	5.36	30
Surrogate: 1-Chlorooctadecane	*0.0511*		mg/l		*0.0556*		*91.9*	*40-140*		
Batch 7011524 - SW846 3550B										
Blank (7011524-BLK1)										
Prepared & Analyzed: 25-Jan-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	*2.40*		mg/kg wet		*3.33*		*72.1*	*40-140*		
LCS (7011524-BS1)										
Prepared & Analyzed: 25-Jan-07										
C9-C36 Aliphatic Hydrocarbons	73.7		mg/kg wet	13.3	93.3		79.0	60-120		
Surrogate: 1-Chlorooctadecane	*2.69*		mg/kg wet		*3.33*		*80.8*	*60-120*		
Duplicate (7011524-DUP1) Source: SA57257-04										
Prepared & Analyzed: 25-Jan-07										
Gasoline	BRL		mg/kg dry	32.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	32.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	32.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	32.5		BRL				50
Motor Oil	BRL		mg/kg dry	32.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	32.5		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011524 - SW846 3550B										
Duplicate (7011524-DUP1) Source: SA57257-04										
Prepared & Analyzed: 25-Jan-07										
Unidentified	BRL		mg/kg dry	32.5		BRL				50
Other Oil	BRL		mg/kg dry	32.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	32.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	32.5		BRL				50
Surrogate: 1-Chlorooctadecane	*3.44*		mg/kg dry		*4.07*		*84.5*	*40-140*		
Matrix Spike (7011524-MS1) Source: SA57257-04										
Prepared & Analyzed: 25-Jan-07										
C9-C36 Aliphatic Hydrocarbons	84.7		mg/kg dry	15.9	112	BRL	75.6	50-150		
Surrogate: 1-Chlorooctadecane	*3.23*		mg/kg dry		*3.99*		*81.0*	*40-140*		
Matrix Spike Dup (7011524-MSD1) Source: SA57257-04										
Prepared & Analyzed: 25-Jan-07										
C9-C36 Aliphatic Hydrocarbons	87.7		mg/kg dry	16.3	114	BRL	76.9	50-150	1.70	30
Surrogate: 1-Chlorooctadecane	*3.28*		mg/kg dry		*4.08*		*80.4*	*40-140*		
Batch 7011609 - SW846 3550B										
Blank (7011609-BLK1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-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	*3.54*		mg/kg wet		*3.33*		*106*	*40-140*		
LCS (7011609-BS1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
C9-C36 Aliphatic Hydrocarbons	83.2		mg/kg wet	13.3	93.3		89.2	60-120		
Surrogate: 1-Chlorooctadecane	*3.76*		mg/kg wet		*3.33*		*113*	*60-120*		
Duplicate (7011609-DUP1) Source: SA57306-02										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Gasoline	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #2	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #4	BRL		mg/kg dry	28.3		BRL				50
Fuel Oil #6	BRL		mg/kg dry	28.3		BRL				50
Motor Oil	BRL		mg/kg dry	28.3		BRL				50
Aviation Fuel	BRL		mg/kg dry	28.3		BRL				50
Unidentified	BRL		mg/kg dry	28.3		BRL				50
Other Oil	BRL		mg/kg dry	28.3		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	28.3		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	28.3		BRL				50
Surrogate: 1-Chlorooctadecane	*3.25*		mg/kg dry		*3.55*		*91.5*	*40-140*		
Matrix Spike (7011609-MS1) Source: SA57306-02										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
C9-C36 Aliphatic Hydrocarbons	69.6		mg/kg dry	14.2	99.4	BRL	70.0	50-150		
Surrogate: 1-Chlorooctadecane	*2.89*		mg/kg dry		*3.55*		*81.4*	*40-140*		
Matrix Spike Dup (7011609-MSD1) Source: SA57306-02										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011609 - SW846 3550B										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
C9-C36 Aliphatic Hydrocarbons	75.3		mg/kg dry	14.1	99.3	BRL	75.8	50-150	7.96	30
Surrogate: 1-Chlorooctadecane	*3.17*		mg/kg dry		*3.54*		*89.5*	*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 7011427 - SW846 3545A										
Blank (7011427-BLK1)										
Prepared: 24-Jan-07 Analyzed: 25-Jan-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)	*21.9*		µg/kg wet		*28.6*		*76.6*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.6*		µg/kg wet		*28.6*		*107*	*30-150*		
LCS (7011427-BS1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Aldrin	22.6		µg/kg wet	14.3	28.6		79.0	40-140		
a-BHC	20.6		µg/kg wet	14.3	28.6		72.0	40-140		
b-BHC	23.0		µg/kg wet	14.3	28.6		80.4	40-140		
d-BHC	19.4		µg/kg wet	14.3	28.6		67.8	40-140		
g-BHC (Lindane)	23.6		µg/kg wet	14.3	28.6		82.5	40-140		
4,4-DDD (p,p')	25.6		µg/kg wet	14.3	28.6		89.5	40-140		
4,4-DDE (p,p')	23.3		µg/kg wet	14.3	28.6		81.5	40-140		
4,4-DDT (p,p')	17.1		µg/kg wet	14.3	28.6		59.8	40-140		
Dieldrin	23.0		µg/kg wet	14.3	28.6		80.4	40-140		
Endosulfan I	12.5		µg/kg wet	14.3	28.6		43.7	40-140		
Endosulfan II	14.3		µg/kg wet	14.3	28.6		50.0	40-140		
Endosulfan Sulfate	23.1		µg/kg wet	14.3	28.6		80.8	40-140		
Endrin	22.2		µg/kg wet	14.3	28.6		77.6	40-140		
Endrin Aldehyde	24.5		µg/kg wet	14.3	28.6		85.7	40-140		
Heptachlor	24.5		µg/kg wet	14.3	28.6		85.7	40-140		
Methoxychlor	20.8		µg/kg wet	14.3	28.6		72.7	40-140		
Heptachlor Epoxide	23.7		µg/kg wet	14.3	28.6		82.9	40-140		
a-Chlordane	26.9		µg/kg wet	14.3	28.6		94.1	40-140		
g-Chlordane	29.8		µg/kg wet	14.3	28.6		104	40-140		
Endrin Ketone	23.8		µg/kg wet	14.3	28.6		83.2	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.3*		µg/kg wet		*28.6*		*71.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*29.3*		µg/kg wet		*28.6*		*102*	*40-140*		
LCS Dup (7011427-BSD1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Aldrin	22.0		µg/kg wet	14.3	28.6		76.9	40-140	2.69	30
a-BHC	19.3		µg/kg wet	14.3	28.6		67.5	40-140	6.45	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 7011427 - SW846 3545A										
LCS Dup (7011427-BSD1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
b-BHC	21.0		µg/kg wet	14.3	28.6		73.4	40-140	9.10	30
d-BHC	19.7		µg/kg wet	14.3	28.6		68.9	40-140	1.61	30
g-BHC (Lindane)	23.2		µg/kg wet	14.3	28.6		81.1	40-140	1.71	30
4,4-DDD (p,p')	23.6		µg/kg wet	14.3	28.6		82.5	40-140	8.14	30
4,4-DDE (p,p')	22.1		µg/kg wet	14.3	28.6		77.3	40-140	5.29	30
4,4-DDT (p,p')	16.8		µg/kg wet	14.3	28.6		58.7	40-140	1.86	30
Dieldrin	22.1		µg/kg wet	14.3	28.6		77.3	40-140	3.93	30
Endosulfan I	12.0		µg/kg wet	14.3	28.6		42.0	40-140	3.97	30
Endosulfan II	13.7		µg/kg wet	14.3	28.6		47.9	40-140	4.29	30
Endosulfan Sulfate	22.4		µg/kg wet	14.3	28.6		78.3	40-140	3.14	30
Endrin	22.2		µg/kg wet	14.3	28.6		77.6	40-140	0.00	30
Endrin Aldehyde	23.1		µg/kg wet	14.3	28.6		80.8	40-140	5.89	30
Heptachlor	23.4		µg/kg wet	14.3	28.6		81.8	40-140	4.66	30
Methoxychlor	20.9		µg/kg wet	14.3	28.6		73.1	40-140	0.549	30
Heptachlor Epoxide	22.3		µg/kg wet	14.3	28.6		78.0	40-140	6.09	30
a-Chlordane	26.4		µg/kg wet	14.3	28.6		92.3	40-140	1.93	30
g-Chlordane	28.1		µg/kg wet	14.3	28.6		98.3	40-140	5.64	30
Endrin Ketone	24.3		µg/kg wet	14.3	28.6		85.0	40-140	2.14	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.8*		µg/kg wet		*28.6*		*72.7*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*40-140*		
Duplicate (7011427-DUP1) **Source: SA57224-01**										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
4,4-DDT (p,p')	32.3		µg/kg dry	15.3		29.5			9.06	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.1*		µg/kg dry		*30.6*		*59.2*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg dry		*30.6*		*88.6*	*30-150*		
Matrix Spike (7011427-MS1) **Source: SA57224-01**										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Aldrin	23.6		µg/kg dry	15.2	30.4	BRL	77.6	30-150		
a-BHC	23.3		µg/kg dry	15.2	30.4	BRL	76.6	30-150		
b-BHC	27.9		µg/kg dry	15.2	30.4	BRL	91.8	30-150		
d-BHC	23.1		µg/kg dry	15.2	30.4	BRL	76.0	30-150		
g-BHC (Lindane)	24.2		µg/kg dry	15.2	30.4	BRL	79.6	30-150		
4,4-DDD (p,p')	29.9		µg/kg dry	15.2	30.4	BRL	98.4	30-150		
4,4-DDE (p,p')	45.2		µg/kg dry	15.2	30.4	18.7	87.2	30-150		
4,4-DDT (p,p')	61.3		µg/kg dry	15.2	30.4	29.5	105	30-150		
Dieldrin	28.3		µg/kg dry	15.2	30.4	2.47	85.0	30-150		
Endosulfan I	13.1		µg/kg dry	15.2	30.4	BRL	43.1	30-150		
Endosulfan II	21.2		µg/kg dry	15.2	30.4	BRL	69.7	30-150		
Endosulfan Sulfate	24.3		µg/kg dry	15.2	30.4	BRL	79.9	30-150		
Endrin	31.8		µg/kg dry	15.2	30.4	BRL	105	30-150		
Endrin Aldehyde	27.6		µg/kg dry	15.2	30.4	BRL	90.8	30-150		
Heptachlor	26.4		µg/kg dry	15.2	30.4	BRL	86.8	30-150		
Methoxychlor	32.4		µg/kg dry	15.2	30.4	BRL	107	30-150		
Heptachlor Epoxide	28.3		µg/kg dry	15.2	30.4	BRL	93.1	30-150		
a-Chlordane	57.2		µg/kg dry	15.2	30.4	25.3	105	30-150		
g-Chlordane	58.6		µg/kg dry	15.2	30.4	24.3	113	30-150		
Endrin Ketone	27.3		µg/kg dry	15.2	30.4	BRL	89.8	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.4*		µg/kg dry		*30.4*		*63.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.6*		µg/kg dry		*30.4*		*107*	*30-150*		
Matrix Spike Dup (7011427-MSD1) **Source: SA57224-01**										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Aldrin	23.8		µg/kg dry	15.2	30.4	BRL	78.3	30-150	0.898	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 7011427 - SW846 3545A										
Matrix Spike Dup (7011427-MSD1) Source: SA57224-01										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
a-BHC	23.0		µg/kg dry	15.2	30.4	BRL	75.7	30-150	1.18	30
b-BHC	27.8		µg/kg dry	15.2	30.4	BRL	91.4	30-150	0.437	30
d-BHC	22.9		µg/kg dry	15.2	30.4	BRL	75.3	30-150	0.925	30
g-BHC (Lindane)	24.4		µg/kg dry	15.2	30.4	BRL	80.3	30-150	0.876	30
4,4-DDD (p,p')	29.3		µg/kg dry	15.2	30.4	BRL	96.4	30-150	2.05	30
4,4-DDE (p,p')	43.9		µg/kg dry	15.2	30.4	18.7	82.9	30-150	5.06	30
4,4-DDT (p,p')	53.4		µg/kg dry	15.2	30.4	29.5	78.6	30-150	28.8	30
Dieldrin	28.1		µg/kg dry	15.2	30.4	2.47	84.3	30-150	0.827	30
Endosulfan I	14.0		µg/kg dry	15.2	30.4	BRL	46.1	30-150	6.73	30
Endosulfan II	20.5		µg/kg dry	15.2	30.4	BRL	67.4	30-150	3.36	30
Endosulfan Sulfate	24.7		µg/kg dry	15.2	30.4	BRL	81.2	30-150	1.61	30
Endrin	28.8		µg/kg dry	15.2	30.4	BRL	94.7	30-150	10.3	30
Endrin Aldehyde	27.2		µg/kg dry	15.2	30.4	BRL	89.5	30-150	1.44	30
Heptachlor	26.6		µg/kg dry	15.2	30.4	BRL	87.5	30-150	0.803	30
Methoxychlor	30.1		µg/kg dry	15.2	30.4	BRL	99.0	30-150	7.77	30
Heptachlor Epoxide	28.4		µg/kg dry	15.2	30.4	BRL	93.4	30-150	0.322	30
a-Chlordane	56.8		µg/kg dry	15.2	30.4	25.3	104	30-150	0.957	50
g-Chlordane	55.8		µg/kg dry	15.2	30.4	24.3	104	30-150	8.29	50
Endrin Ketone	28.9		µg/kg dry	15.2	30.4	BRL	95.1	30-150	5.73	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg dry		*30.4*		*65.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.1*		µg/kg dry		*30.4*		*109*	*30-150*		
Batch 7011444 - SW846 3510C										
Blank (7011444-BLK1)										
Prepared & Analyzed: 24-Jan-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.105*		µg/l		*0.200*		*52.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.193*		µg/l		*0.200*		*96.5*	*30-150*		
LCS (7011444-BS1)										
Prepared & Analyzed: 24-Jan-07										
PCB 1016	2.11		µg/l	0.200	2.50		84.4	40-140		
PCB 1260	2.27		µg/l	0.200	2.50		90.8	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.109*		µg/l		*0.200*		*54.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.211*		µg/l		*0.200*		*106*	*30-150*		
LCS Dup (7011444-BSD1)										
Prepared & Analyzed: 24-Jan-07										
PCB 1016	2.10		µg/l	0.200	2.50		84.0	40-140	0.475	20
PCB 1260	2.20		µg/l	0.200	2.50		88.0	40-140	3.13	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.109*		µg/l		*0.200*		*54.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.221*		µg/l		*0.200*		*110*	*30-150*		
Batch 7011523 - SW846 3510C										
Blank (7011523-BLK1)										
Prepared & Analyzed: 25-Jan-07										
Aldrin	BRL		µg/l	0.0100						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011523 - SW846 3510C										
Blank (7011523-BLK1)										
Prepared & Analyzed: 25-Jan-07										
a-BHC	BRL		µg/l	0.0100						
b-BHC	BRL		µg/l	0.0100						
d-BHC	BRL		µg/l	0.0100						
g-BHC (Lindane)	BRL		µg/l	0.0100						
Chlordane	BRL		µg/l	0.0500						
4,4-DDD (p,p')	BRL		µg/l	0.0100						
4,4-DDE (p,p')	BRL		µg/l	0.0100						
4,4-DDT (p,p')	BRL		µg/l	0.0100						
Dieldrin	BRL		µg/l	0.0020						
Endosulfan I	BRL		µg/l	0.0100						
Endosulfan II	BRL		µg/l	0.0100						
Endosulfan Sulfate	BRL		µg/l	0.0100						
Endrin	BRL		µg/l	0.0100						
Endrin Aldehyde	BRL		µg/l	0.0100						
Heptachlor	BRL		µg/l	0.0100						
Methoxychlor	BRL		µg/l	0.0100						
Heptachlor Epoxide	BRL		µg/l	0.0100						
Toxaphene	BRL		µg/l	0.0500						
a-Chlordane	BRL		µg/l	0.0100						
g-Chlordane	BRL		µg/l	0.0100						
Endrin Ketone	BRL		µg/l	0.0100						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0122*		µg/l		*0.0200*		*61.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0168*		µg/l		*0.0200*		*84.0*	*30-150*		
LCS (7011523-BS1)										
Prepared & Analyzed: 25-Jan-07										
Aldrin	0.0123		µg/l	0.0100	0.0200		61.5	40-140		
a-BHC	0.0107		µg/l	0.0100	0.0200		53.5	40-140		
b-BHC	0.0129		µg/l	0.0100	0.0200		64.5	40-140		
d-BHC	0.0121		µg/l	0.0100	0.0200		60.5	40-140		
g-BHC (Lindane)	0.0123		µg/l	0.0100	0.0200		61.5	40-140		
4,4-DDD (p,p')	0.0124		µg/l	0.0100	0.0200		62.0	40-140		
4,4-DDE (p,p')	0.0132		µg/l	0.0100	0.0200		66.0	40-140		
4,4-DDT (p,p')	0.0122		µg/l	0.0100	0.0200		61.0	40-140		
Dieldrin	0.0126		µg/l	0.0020	0.0200		63.0	40-140		
Endosulfan I	0.0086		µg/l	0.0100	0.0200		43.0	40-140		
Endosulfan II	0.0091		µg/l	0.0100	0.0200		45.5	40-140		
Endosulfan Sulfate	0.0152		µg/l	0.0100	0.0200		76.0	40-140		
Endrin	0.0128		µg/l	0.0100	0.0200		64.0	40-140		
Endrin Aldehyde	0.0149		µg/l	0.0100	0.0200		74.5	40-140		
Heptachlor	0.0136		µg/l	0.0100	0.0200		68.0	40-140		
Methoxychlor	0.0131		µg/l	0.0100	0.0200		65.5	40-140		
Heptachlor Epoxide	0.0126		µg/l	0.0100	0.0200		63.0	40-140		
a-Chlordane	0.0151		µg/l	0.0100	0.0200		75.5	40-140		
g-Chlordane	0.0172		µg/l	0.0100	0.0200		86.0	40-140		
Endrin Ketone	0.0138		µg/l	0.0100	0.0200		69.0	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0136*		µg/l		*0.0200*		*68.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0204*		µg/l		*0.0200*		*102*	*40-140*		
LCS Dup (7011523-BSD1)										
Prepared & Analyzed: 25-Jan-07										
Aldrin	0.0118		µg/l	0.0100	0.0200		59.0	40-140	4.15	20
a-BHC	0.0107		µg/l	0.0100	0.0200		53.5	40-140	0.00	20
b-BHC	0.0127		µg/l	0.0100	0.0200		63.5	40-140	1.56	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 7011523 - SW846 3510C										
LCS Dup (7011523-BSD1)										
Prepared & Analyzed: 25-Jan-07										
d-BHC	0.0117		µg/l	0.0100	0.0200		58.5	40-140	3.36	20
g-BHC (Lindane)	0.0116		µg/l	0.0100	0.0200		58.0	40-140	5.86	20
4,4-DDD (p,p')	0.0132		µg/l	0.0100	0.0200		66.0	40-140	6.25	20
4,4-DDE (p,p')	0.0130		µg/l	0.0100	0.0200		65.0	40-140	1.53	20
4,4-DDT (p,p')	0.0129		µg/l	0.0100	0.0200		64.5	40-140	5.58	20
Dieldrin	0.0122		µg/l	0.0020	0.0200		61.0	40-140	3.23	20
Endosulfan I	0.0084		µg/l	0.0100	0.0200		42.0	40-140	2.35	20
Endosulfan II	0.0105		µg/l	0.0100	0.0200		52.5	40-140	14.3	20
Endosulfan Sulfate	0.0149		µg/l	0.0100	0.0200		74.5	40-140	1.99	20
Endrin	0.0130		µg/l	0.0100	0.0200		65.0	40-140	1.55	20
Endrin Aldehyde	0.0139		µg/l	0.0100	0.0200		69.5	40-140	6.94	20
Heptachlor	0.0133		µg/l	0.0100	0.0200		66.5	40-140	2.23	20
Methoxychlor	0.0131		µg/l	0.0100	0.0200		65.5	40-140	0.00	20
Heptachlor Epoxide	0.0126		µg/l	0.0100	0.0200		63.0	40-140	0.00	20
a-Chlordane	0.0144		µg/l	0.0100	0.0200		72.0	40-140	4.75	20
g-Chlordane	0.0170		µg/l	0.0100	0.0200		85.0	40-140	1.17	20
Endrin Ketone	0.0131		µg/l	0.0100	0.0200		65.5	40-140	5.20	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.0138*		µg/l		*0.0200*		*69.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*0.0199*		µg/l		*0.0200*		*99.5*	*40-140*		
Batch 7011525 - SW846 3545A										
Blank (7011525-BLK1)										
Prepared & Analyzed: 25-Jan-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)	*17.9*		µg/kg wet		*28.6*		*62.6*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.6*		µg/kg wet		*28.6*		*131*	*30-150*		
LCS (7011525-BS1)										
Prepared & Analyzed: 25-Jan-07										
PCB 1016	329		µg/kg wet	28.6	357		92.2	40-140		
PCB 1260	446		µg/kg wet	28.6	357		125	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg wet		*28.6*		*61.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.0*		µg/kg wet		*28.6*		*129*	*30-150*		
LCS Dup (7011525-BSD1)										
Prepared & Analyzed: 25-Jan-07										
PCB 1016	365		µg/kg wet	28.6	357		102	40-140	10.1	30
PCB 1260	461		µg/kg wet	28.6	357		129	40-140	3.15	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.6*		µg/kg wet		*28.6*		*61.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*36.0*		µg/kg wet		*28.6*		*126*	*30-150*		
Duplicate (7011525-DUP1) **Source: SA57264-02**										
Prepared & Analyzed: 25-Jan-07										
PCB 1016	BRL		µg/kg dry	31.7		BRL				40
PCB 1221	BRL		µg/kg dry	31.7		BRL				40
PCB 1232	BRL		µg/kg dry	31.7		BRL				40
PCB 1242	BRL		µg/kg dry	31.7		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 7011525 - SW846 3545A										
Duplicate (7011525-DUP1) **Source: SA57264-02**										
Prepared & Analyzed: 25-Jan-07										
PCB 1248	BRL		µg/kg dry	31.7		BRL				40
PCB 1254	BRL		µg/kg dry	31.7		BRL				40
PCB 1260	BRL		µg/kg dry	31.7		BRL				40
PCB 1262	BRL		µg/kg dry	31.7		BRL				40
PCB 1268	BRL		µg/kg dry	31.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.1*		µg/kg dry		*31.7*		*72.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*41.8*		µg/kg dry		*31.7*		*132*	*30-150*		
Matrix Spike (7011525-MS1) **Source: SA57264-02**										
Prepared & Analyzed: 25-Jan-07										
PCB 1016	351		µg/kg dry	31.9	398	BRL	88.2	40-140		
PCB 1260	508		µg/kg dry	31.9	398	BRL	128	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.5*		µg/kg dry		*31.9*		*64.3*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.2*		µg/kg dry		*31.9*		*107*	*30-150*		
Matrix Spike Dup (7011525-MSD1) **Source: SA57264-02**										
Prepared & Analyzed: 25-Jan-07										
PCB 1016	353		µg/kg dry	31.5	394	BRL	89.6	40-140	1.57	50
PCB 1260	496		µg/kg dry	31.5	394	BRL	126	40-140	1.57	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.3*		µg/kg dry		*31.5*		*67.6*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.4*		µg/kg dry		*31.5*		*122*	*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 7011428 - SW846 3545A										
Blank (7011428-BLK1)										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011428 - SW846 3545A										
Blank (7011428-BLK1)										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
2-Methylphenol	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Nitrobenzene	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	660						
Phenanthrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*3280*		µg/kg wet		*3330*		*98.5*	*30-130*		
Surrogate: 2-Fluorophenol	*3130*		µg/kg wet		*3330*		*94.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*2590*		µg/kg wet		*3330*		*77.8*	*30-130*		
Surrogate: Phenol-d5	*2810*		µg/kg wet		*3330*		*84.4*	*15-110*		
Surrogate: Terphenyl-d14	*3270*		µg/kg wet		*3330*		*98.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2670*		µg/kg wet		*3330*		*80.2*	*15-110*		
LCS (7011428-BS1)										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Acenaphthene	2590		µg/kg wet	165	3330		77.8	40-130		
Acenaphthylene	4060		µg/kg wet	165	3330		122	40-130		
Aniline	2330		µg/kg wet	165	3330		70.0	40-130		
Anthracene	3450		µg/kg wet	165	3330		104	40-130		
Atrazine	3170		µg/kg wet	165	3330		95.2	40-130		
Azobenzene/Diphenyldiazine	2480		µg/kg wet	165	3330		74.5	40-130		
Benzidine	1190	QC2	µg/kg wet	165	3330		35.7	40-130		
Benzo (a) anthracene	2650		µg/kg wet	165	3330		79.6	40-130		
Benzo (a) pyrene	2840		µg/kg wet	165	3330		85.3	40-130		
Benzo (b) fluoranthene	2150		µg/kg wet	165	3330		64.6	40-130		
Benzo (g,h,i) perylene	2260		µg/kg wet	165	3330		67.9	40-130		
Benzo (k) fluoranthene	3210		µg/kg wet	165	3330		96.4	40-130		
Benzoic acid	628	QC2	µg/kg wet	165	3330		18.9	40-130		
Benzyl alcohol	2080		µg/kg wet	165	3330		62.5	40-130		
Bis(2-chloroethoxy)methane	2560		µg/kg wet	165	3330		76.9	40-130		
Bis(2-chloroethyl)ether	2860		µg/kg wet	165	3330		85.9	40-130		
Bis(2-chloroisopropyl)ether	1920		µg/kg wet	165	3330		57.7	40-130		
Bis(2-ethylhexyl)phthalate	2860		µg/kg wet	165	3330		85.9	40-130		
4-Bromophenyl phenyl ether	2840		µg/kg wet	165	3330		85.3	40-130		
Butyl benzyl phthalate	3060		µg/kg wet	165	3330		91.9	40-130		
Carbazole	3860		µg/kg wet	165	3330		116	40-130		
4-Chloro-3-methylphenol	2550		µg/kg wet	165	3330		76.6	40-130		
4-Chloroaniline	2550		µg/kg wet	165	3330		76.6	40-130		
2-Chloronaphthalene	2550		µg/kg wet	165	3330		76.6	40-130		
2-Chlorophenol	2570		µg/kg wet	165	3330		77.2	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 7011428 - SW846 3545A										
LCS (7011428-BS1)										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
4-Chlorophenyl phenyl ether	2420		µg/kg wet	165	3330		72.7	40-130		
Chrysene	2800		µg/kg wet	165	3330		84.1	40-130		
Dibenzo (a,h) anthracene	2260		µg/kg wet	165	3330		67.9	40-130		
Dibenzofuran	2460		µg/kg wet	165	3330		73.9	40-130		
1,2-Dichlorobenzene	2300		µg/kg wet	165	3330		69.1	40-130		
1,3-Dichlorobenzene	2020		µg/kg wet	165	3330		60.7	40-130		
1,4-Dichlorobenzene	2470		µg/kg wet	165	3330		74.2	40-130		
3,3'-Dichlorobenzidine	2700		µg/kg wet	165	3330		81.1	40-130		
2,4-Dichlorophenol	2590		µg/kg wet	165	3330		77.8	40-130		
Diethyl phthalate	2680		µg/kg wet	165	3330		80.5	40-130		
Dimethyl phthalate	2700		µg/kg wet	165	3330		81.1	40-130		
2,4-Dimethylphenol	2180		µg/kg wet	165	3330		65.5	40-130		
Di-n-butyl phthalate	2490		µg/kg wet	165	3330		74.8	40-130		
4,6-Dinitro-2-methylphenol	1700		µg/kg wet	165	3330		51.1	40-130		
2,4-Dinitrophenol	1580		µg/kg wet	165	3330		47.4	40-130		
2,4-Dinitrotoluene	2740		µg/kg wet	165	3330		82.3	40-130		
2,6-Dinitrotoluene	2880		µg/kg wet	165	3330		86.5	40-130		
Di-n-octyl phthalate	3560		µg/kg wet	165	3330		107	40-130		
Fluoranthene	2710		µg/kg wet	165	3330		81.4	40-130		
Fluorene	2630		µg/kg wet	165	3330		79.0	40-130		
Hexachlorobenzene	2420		µg/kg wet	165	3330		72.7	40-130		
Hexachlorobutadiene	1960		µg/kg wet	165	3330		58.9	40-130		
Hexachlorocyclopentadiene	922	QC2	µg/kg wet	165	3330		27.7	40-130		
Hexachloroethane	2200		µg/kg wet	165	3330		66.1	40-130		
Indeno (1,2,3-cd) pyrene	2330		µg/kg wet	165	3330		70.0	40-130		
Isophorone	2220		µg/kg wet	165	3330		66.7	40-130		
1-Methylnaphthalene	3020		µg/kg wet	165	3330		90.7	40-140		
2-Methylnaphthalene	2400		µg/kg wet	165	3330		72.1	40-130		
2-Methylphenol	2310		µg/kg wet	165	3330		69.4	40-130		
3,4-Methylphenol	3600		µg/kg wet	165	3330		108	40-130		
Naphthalene	2500		µg/kg wet	165	3330		75.1	40-130		
2-Nitroaniline	2890		µg/kg wet	165	3330		86.8	40-130		
3-Nitroaniline	3020		µg/kg wet	165	3330		90.7	40-130		
4-Nitroaniline	3870		µg/kg wet	660	3330		116	40-130		
Nitrobenzene	1750		µg/kg wet	165	3330		52.6	40-130		
2-Nitrophenol	2570		µg/kg wet	165	3330		77.2	40-130		
4-Nitrophenol	1510		µg/kg wet	660	3330		45.3	40-130		
N-Nitrosodimethylamine	2260		µg/kg wet	165	3330		67.9	40-130		
N-Nitrosodi-n-propylamine	2250		µg/kg wet	165	3330		67.6	40-130		
N-Nitrosodiphenylamine	3080		µg/kg wet	165	3330		92.5	40-130		
Pentachlorophenol	2320		µg/kg wet	660	3330		69.7	40-130		
Phenanthrene	2550		µg/kg wet	165	3330		76.6	40-130		
Phenol	2490		µg/kg wet	165	3330		74.8	40-130		
Pyrene	2790		µg/kg wet	165	3330		83.8	40-130		
Pyridine	1800		µg/kg wet	165	3330		54.1	40-130		
1,2,4-Trichlorobenzene	2240		µg/kg wet	165	3330		67.3	40-130		
2,4,5-Trichlorophenol	2960		µg/kg wet	165	3330		88.9	40-130		
2,4,6-Trichlorophenol	2270		µg/kg wet	165	3330		68.2	40-130		
Surrogate: 2-Fluorobiphenyl	*2960*		µg/kg wet		*3330*		*88.9*	*30-130*		
Surrogate: 2-Fluorophenol	*2690*		µg/kg wet		*3330*		*80.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2520*		µg/kg wet		*3330*		*75.7*	*30-130*		
Surrogate: Phenol-d5	*2450*		µg/kg wet		*3330*		*73.6*	*15-110*		
Surrogate: Terphenyl-dl4	*3190*		µg/kg wet		*3330*		*95.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3260*		µg/kg wet		*3330*		*97.9*	*15-110*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011428 - SW846 3545A										
Duplicate (7011428-DUP1) Source: SA57224-01										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Acenaphthene	BRL		µg/kg dry	214		BRL				50
Acenaphthylene	BRL		µg/kg dry	214		BRL				50
Aniline	BRL		µg/kg dry	214		BRL				50
Anthracene	190	J,QM4	µg/kg dry	214		46.2			122	50
Atrazine	BRL		µg/kg dry	214		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	214		BRL				50
Benzidine	BRL		µg/kg dry	214		BRL				50
Benzo (a) anthracene	535	QM4	µg/kg dry	214		80.0			148	50
Benzo (a) pyrene	381	QM4	µg/kg dry	214		73.5			135	50
Benzo (b) fluoranthene	361	QM4	µg/kg dry	214		70.0			135	50
Benzo (g,h,i) perylene	145	J,QM4	µg/kg dry	214		43.6			108	50
Benzo (k) fluoranthene	314	QM4	µg/kg dry	214		75.2			123	50
Benzoic acid	BRL		µg/kg dry	214		BRL				50
Benzyl alcohol	BRL		µg/kg dry	214		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	214		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	214		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	214		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	214		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	214		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	214		BRL				50
Carbazole	BRL		µg/kg dry	214		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	214		BRL				50
4-Chloroaniline	BRL		µg/kg dry	214		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	214		BRL				50
2-Chlorophenol	BRL		µg/kg dry	214		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	214		BRL				50
Chrysene	520	QM4	µg/kg dry	214		89.9			141	50
Dibenzo (a,h) anthracene	36.8	J	µg/kg dry	214		BRL				50
Dibenzofuran	BRL		µg/kg dry	214		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	214		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	214		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	214		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	214		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	214		BRL				50
Diethyl phthalate	BRL		µg/kg dry	214		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	214		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	214		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	214		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	214		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	214		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	214		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	214		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	214		BRL				50
Fluoranthene	960	QM4	µg/kg dry	214		170			140	50
Fluorene	24.2	J	µg/kg dry	214		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	214		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	214		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	214		BRL				50
Hexachloroethane	BRL		µg/kg dry	214		BRL				50
Indeno (1,2,3-cd) pyrene	143	J,QM4	µg/kg dry	214		36.3			119	50
Isophorone	BRL		µg/kg dry	214		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	214		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	214		BRL				50
2-Methylphenol	BRL		µg/kg dry	214		BRL				50

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011428 - SW846 3545A										
Duplicate (7011428-DUP1) Source: SA57224-01										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
3,4-Methylphenol	BRL		µg/kg dry	214		BRL				50
Naphthalene	BRL		µg/kg dry	214		BRL				50
2-Nitroaniline	BRL		µg/kg dry	214		BRL				50
3-Nitroaniline	BRL		µg/kg dry	214		BRL				50
4-Nitroaniline	BRL		µg/kg dry	857		BRL				50
Nitrobenzene	BRL		µg/kg dry	214		BRL				50
2-Nitrophenol	BRL		µg/kg dry	214		BRL				50
4-Nitrophenol	BRL		µg/kg dry	857		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	214		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	214		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	214		BRL				50
Pentachlorophenol	BRL		µg/kg dry	857		BRL				50
Phenanthrene	672	QM4	µg/kg dry	214		117			141	50
Phenol	BRL		µg/kg dry	214		BRL				50
Pyrene	984	QM4	µg/kg dry	214		160			144	50
Pyridine	BRL		µg/kg dry	214		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	214		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	214		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	214		BRL				50
Surrogate: 2-Fluorobiphenyl	*2160*		µg/kg dry		*2170*		*99.5*	*30-130*		
Surrogate: 2-Fluorophenol	*1800*		µg/kg dry		*2170*		*82.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*1590*		µg/kg dry		*2170*		*73.3*	*30-130*		
Surrogate: Phenol-d5	*1570*		µg/kg dry		*2170*		*72.4*	*15-110*		
Surrogate: Terphenyl-dl4	*2140*		µg/kg dry		*2170*		*98.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1890*		µg/kg dry		*2170*		*87.1*	*15-110*		
Matrix Spike (7011428-MS1) Source: SA57224-01										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Acenaphthene	3330		µg/kg dry	213	4310	BRL	77.3	40-140		
4-Chloro-3-methylphenol	3330		µg/kg dry	213	4310	BRL	77.3	30-130		
2-Chlorophenol	3290		µg/kg dry	213	4310	BRL	76.3	30-130		
1,4-Dichlorobenzene	3020		µg/kg dry	213	4310	BRL	70.1	40-140		
2,4-Dinitrotoluene	3600		µg/kg dry	213	4310	BRL	83.5	40-140		
4-Nitrophenol	1960		µg/kg dry	852	4310	BRL	45.5	30-130		
N-Nitrosodi-n-propylamine	2900		µg/kg dry	213	4310	BRL	67.3	40-140		
Pentachlorophenol	3570		µg/kg dry	852	4310	BRL	82.8	30-130		
Phenol	2800		µg/kg dry	213	4310	BRL	65.0	30-130		
Pyrene	3480		µg/kg dry	213	4310	160	77.0	40-140		
1,2,4-Trichlorobenzene	2780		µg/kg dry	213	4310	BRL	64.5	40-140		
Surrogate: 2-Fluorobiphenyl	*3730*		µg/kg dry		*4310*		*86.5*	*30-130*		
Surrogate: 2-Fluorophenol	*3400*		µg/kg dry		*4310*		*78.9*	*15-110*		
Surrogate: Nitrobenzene-d5	*3170*		µg/kg dry		*4310*		*73.5*	*30-130*		
Surrogate: Phenol-d5	*3140*		µg/kg dry		*4310*		*72.9*	*15-110*		
Surrogate: Terphenyl-dl4	*3960*		µg/kg dry		*4310*		*91.9*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4200*		µg/kg dry		*4310*		*97.4*	*15-110*		
Matrix Spike Dup (7011428-MSD1) Source: SA57224-01										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Acenaphthene	3690		µg/kg dry	214	4320	BRL	85.4	40-140	9.96	30
4-Chloro-3-methylphenol	3460		µg/kg dry	214	4320	BRL	80.1	30-130	3.56	30
2-Chlorophenol	3500		µg/kg dry	214	4320	BRL	81.0	30-130	5.98	30
1,4-Dichlorobenzene	2530		µg/kg dry	214	4320	BRL	58.6	40-140	17.9	30
2,4-Dinitrotoluene	3580		µg/kg dry	214	4320	BRL	82.9	40-140	0.721	30
4-Nitrophenol	2010		µg/kg dry	856	4320	BRL	46.5	30-130	2.17	30
N-Nitrosodi-n-propylamine	2170		µg/kg dry	214	4320	BRL	50.2	40-140	29.1	30
Pentachlorophenol	3580		µg/kg dry	856	4320	BRL	82.9	30-130	0.121	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011428 - SW846 3545A										
Matrix Spike Dup (7011428-MSD1) **Source: SA57224-01**										
Prepared: 24-Jan-07 Analyzed: 25-Jan-07										
Phenol	2970		µg/kg dry	214	4320	BRL	68.8	30-130	5.68	30
Pyrene	5650	QM7	µg/kg dry	214	4320	160	127	40-140	49.0	30
1,2,4-Trichlorobenzene	2950		µg/kg dry	214	4320	BRL	68.3	40-140	5.72	30
Surrogate: 2-Fluorobiphenyl	*3910*		µg/kg dry		*4320*		*90.5*	*30-130*		
Surrogate: 2-Fluorophenol	*3650*		µg/kg dry		*4320*		*84.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*3360*		µg/kg dry		*4320*		*77.8*	*30-130*		
Surrogate: Phenol-d5	*3310*		µg/kg dry		*4320*		*76.6*	*15-110*		
Surrogate: Terphenyl-d14	*4180*		µg/kg dry		*4320*		*96.8*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4410*		µg/kg dry		*4320*		*102*	*15-110*		
Batch 7011505 - SW846 3535										
Blank (7011505-BLK1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011505 - SW846 3535										
Blank (7011505-BLK1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	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						
1,2,4-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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011505 - SW846 3535										
Blank (7011505-BLK1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*65.3*		µg/l		*100*		*65.3*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*65.3*		µg/l		*100*		*65.3*	*30-130*		
Surrogate: 2-Fluorophenol	*76.2*		µg/l		*100*		*76.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*72.8*		µg/l		*100*		*72.8*	*30-130*		
Surrogate: Phenol-d5	*73.9*		µg/l		*100*		*73.9*	*15-110*		
Surrogate: Terphenyl-dl4	*72.6*		µg/l		*100*		*72.6*	*30-130*		
Surrogate: Terphenyl-dl4	*72.6*		µg/l		*100*		*72.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*55.7*		µg/l		*100*		*55.7*	*15-110*		
LCS (7011505-BS1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Acenaphthene	63.9		µg/l	5.00	100		63.9	40-130		
Acenaphthene	63.9		µg/l	0.050	100		63.9	40-140		
Acenaphthylene	66.3		µg/l	5.00	100		66.3	40-130		
Acenaphthylene	66.3		µg/l	0.050	100		66.3	40-140		
Aniline	51.7		µg/l	5.00	100		51.7	40-130		
1-Methylnaphthalene	69.9		µg/l	0.050	100		69.9	40-140		
Anthracene	69.2		µg/l	5.00	100		69.2	40-130		
Anthracene	69.2		µg/l	0.050	100		69.2	40-140		
Atrazine	126		µg/l	5.00	100		126	0-200		
Azobenzene/Diphenyldiazine	82.0		µg/l	5.00	100		82.0	40-130		
Benzidine	19.2		µg/l	5.00	100		19.2	0-130		
Benzo (a) anthracene	70.0		µg/l	5.00	100		70.0	40-130		
Benzo (a) anthracene	70.0		µg/l	0.050	100		70.0	40-140		
Benzo (a) pyrene	70.3		µg/l	5.00	100		70.3	40-130		
Benzo (a) pyrene	70.3		µg/l	0.050	100		70.3	40-140		
Benzo (b) fluoranthene	63.9		µg/l	5.00	100		63.9	40-130		
Benzo (b) fluoranthene	63.9		µg/l	0.050	100		63.9	40-140		
Benzo (g,h,i) perylene	79.8		µg/l	5.00	100		79.8	40-130		
Benzo (g,h,i) perylene	79.8		µg/l	0.050	100		79.8	40-140		
Benzo (k) fluoranthene	65.9		µg/l	5.00	100		65.9	40-130		
Benzo (k) fluoranthene	65.9		µg/l	0.050	100		65.9	40-140		
Benzoic acid	43.5		µg/l	5.00	100		43.5	0-149		
Benzyl alcohol	52.6		µg/l	5.00	100		52.6	40-130		
Bis(2-chloroethoxy)methane	69.2		µg/l	5.00	100		69.2	40-130		
Bis(2-chloroethyl)ether	57.7		µg/l	5.00	100		57.7	40-130		
Bis(2-chloroisopropyl)ether	85.5		µg/l	5.00	100		85.5	40-130		
Bis(2-ethylhexyl)phthalate	74.6		µg/l	5.00	100		74.6	40-130		
4-Bromophenyl phenyl ether	65.6		µg/l	5.00	100		65.6	40-130		
Butyl benzyl phthalate	74.9		µg/l	5.00	100		74.9	40-130		
Carbazole	78.6		µg/l	5.00	100		78.6	40-130		
4-Chloro-3-methylphenol	67.6		µg/l	5.00	100		67.6	40-130		
4-Chloroaniline	49.9		µg/l	5.00	100		49.9	40-130		
2-Chloronaphthalene	60.4		µg/l	5.00	100		60.4	40-130		
2-Chlorophenol	55.3		µg/l	5.00	100		55.3	40-130		
4-Chlorophenyl phenyl ether	62.8		µg/l	5.00	100		62.8	40-130		
Chrysene	69.7		µg/l	5.00	100		69.7	40-130		
Chrysene	69.7		µg/l	0.050	100		69.7	40-140		
Dibenzo (a,h) anthracene	75.7		µg/l	5.00	100		75.7	40-130		
Dibenzo (a,h) anthracene	75.7		µg/l	0.050	100		75.7	40-140		
Dibenzofuran	56.8		µg/l	5.00	100		56.8	40-130		
1,2-Dichlorobenzene	54.3		µg/l	5.00	100		54.3	40-130		
1,3-Dichlorobenzene	51.2		µg/l	5.00	100		51.2	40-130		
1,4-Dichlorobenzene	51.9		µg/l	5.00	100		51.9	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 7011505 - SW846 3535										
LCS (7011505-BS1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
3,3'-Dichlorobenzidine	66.6		µg/l	5.00	100		66.6	40-130		
2,4-Dichlorophenol	63.2		µg/l	5.00	100		63.2	40-130		
Diethyl phthalate	67.4		µg/l	5.00	100		67.4	40-130		
Dimethyl phthalate	64.3		µg/l	5.00	100		64.3	40-130		
2,4-Dimethylphenol	61.9		µg/l	5.00	100		61.9	40-130		
Di-n-butyl phthalate	73.1		µg/l	5.00	100		73.1	40-130		
4,6-Dinitro-2-methylphenol	71.2		µg/l	5.00	100		71.2	40-130		
2,4-Dinitrophenol	56.7		µg/l	5.00	100		56.7	40-130		
2,4-Dinitrotoluene	63.3		µg/l	5.00	100		63.3	40-130		
2,6-Dinitrotoluene	66.4		µg/l	5.00	100		66.4	40-130		
Di-n-octyl phthalate	69.8		µg/l	5.00	100		69.8	40-130		
Fluoranthene	69.3		µg/l	5.00	100		69.3	40-130		
Fluoranthene	69.3		µg/l	0.050	100		69.3	40-140		
Fluorene	63.6		µg/l	5.00	100		63.6	40-130		
Fluorene	63.6		µg/l	0.050	100		63.6	40-140		
Hexachlorobenzene	59.6		µg/l	5.00	100		59.6	40-130		
Hexachlorobutadiene	56.6		µg/l	5.00	100		56.6	40-130		
Hexachlorocyclopentadiene	58.7		µg/l	5.00	100		58.7	40-130		
Hexachloroethane	53.2		µg/l	5.00	100		53.2	40-130		
Indeno (1,2,3-cd) pyrene	78.2		µg/l	5.00	100		78.2	40-130		
Indeno (1,2,3-cd) pyrene	78.2		µg/l	0.050	100		78.2	40-140		
Isophorone	64.3		µg/l	5.00	100		64.3	40-130		
2-Methylnaphthalene	53.9		µg/l	5.00	100		53.9	40-130		
2-Methylnaphthalene	53.9		µg/l	0.050	100		53.9	40-140		
2-Methylphenol	54.8		µg/l	5.00	100		54.8	40-130		
3,4-Methylphenol	74.4		µg/l	10.0	100		74.4	40-130		
Naphthalene	61.3		µg/l	5.00	100		61.3	40-130		
Naphthalene	61.3		µg/l	0.050	100		61.3	40-140		
2-Nitroaniline	68.6		µg/l	5.00	100		68.6	40-130		
3-Nitroaniline	51.3		µg/l	5.00	100		51.3	40-130		
4-Nitroaniline	72.8		µg/l	20.0	100		72.8	40-130		
Nitrobenzene	66.4		µg/l	5.00	100		66.4	40-130		
2-Nitrophenol	65.2		µg/l	5.00	100		65.2	40-130		
4-Nitrophenol	52.2		µg/l	20.0	100		52.2	40-130		
N-Nitrosodimethylamine	44.8		µg/l	5.00	100		44.8	40-130		
N-Nitrosodi-n-propylamine	59.4		µg/l	5.00	100		59.4	40-130		
N-Nitrosodiphenylamine	72.5		µg/l	5.00	100		72.5	40-130		
Pentachlorophenol	68.5		µg/l	20.0	100		68.5	40-130		
Phenanthrene	66.3		µg/l	5.00	100		66.3	40-130		
Phenanthrene	66.3		µg/l	0.050	100		66.3	40-140		
Phenol	64.0		µg/l	5.00	100		64.0	40-130		
Pyrene	66.8		µg/l	5.00	100		66.8	40-130		
Pyrene	66.8		µg/l	0.050	100		66.8	40-140		
Pyridine	75.7		µg/l	5.00	100		75.7	40-130		
Hexachlorobenzene	59.6		µg/l	1.00	100		59.6	40-140		
1,2,4-Trichlorobenzene	57.1		µg/l	5.00	100		57.1	40-130		
1-Methylnaphthalene	69.9		µg/l	5.00	100		69.9	40-140		
Hexachloroethane	53.2		µg/l	1.00	100		53.2	40-140		
2,4,5-Trichlorophenol	64.7		µg/l	5.00	100		64.7	40-130		
Pentachlorophenol	68.5		µg/l	1.00	100		68.5	30-130		
2,4,6-Trichlorophenol	53.2		µg/l	5.00	100		53.2	40-130		
Hexachlorobutadiene	56.6		µg/l	0.500	100		56.6	40-140		
Surrogate: 2-Fluorobiphenyl	*69.9*		µg/l		*100*		*69.9*	*30-130*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011505 - SW846 3535										
LCS (7011505-BS1)										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Surrogate: 2-Fluorobiphenyl	*69.9*		µg/l		*100*		*69.9*	*30-130*		
Surrogate: 2-Fluorophenol	*60.6*		µg/l		*100*		*60.6*	*15-110*		
Surrogate: Nitrobenzene-d5	*79.0*		µg/l		*100*		*79.0*	*30-130*		
Surrogate: Phenol-d5	*55.5*		µg/l		*100*		*55.5*	*15-110*		
Surrogate: Terphenyl-dl4	*74.3*		µg/l		*100*		*74.3*	*30-130*		
Surrogate: Terphenyl-dl4	*74.3*		µg/l		*100*		*74.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*72.1*		µg/l		*100*		*72.1*	*15-110*		
Matrix Spike (7011505-MS1) **Source: SA57272-07**										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Acenaphthene	57.5		µg/l	5.41	108	BRL	53.2	40-140		
4-Chloro-3-methylphenol	120		µg/l	5.41	216	BRL	55.6	30-130		
2-Chlorophenol	119		µg/l	5.41	216	BRL	55.1	30-130		
1,4-Dichlorobenzene	56.4		µg/l	5.41	108	BRL	52.2	40-140		
4-Nitrophenol	98.1		µg/l	21.6	216	BRL	45.4	30-130		
N-Nitrosodi-n-propylamine	89.1		µg/l	5.41	108	BRL	82.5	40-140		
Pentachlorophenol	110		µg/l	21.6	216	BRL	50.9	30-130		
Phenol	117		µg/l	5.41	216	BRL	54.2	30-130		
Pyrene	64.2		µg/l	5.41	108	BRL	59.4	40-140		
1,2,4-Trichlorobenzene	52.3		µg/l	5.41	108	BRL	48.4	40-140		
Surrogate: 2-Fluorobiphenyl	*60.5*		µg/l		*108*		*56.0*	*30-130*		
Surrogate: 2-Fluorophenol	*66.6*		µg/l		*108*		*61.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*68.9*		µg/l		*108*		*63.8*	*30-130*		
Surrogate: Phenol-d5	*58.4*		µg/l		*108*		*54.1*	*15-110*		
Surrogate: Terphenyl-dl4	*69.7*		µg/l		*108*		*64.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*68.2*		µg/l		*108*		*63.1*	*15-110*		
Matrix Spike Dup (7011505-MSD1) **Source: SA57272-07**										
Prepared: 24-Jan-07 Analyzed: 26-Jan-07										
Acenaphthene	59.6		µg/l	5.56	111	BRL	53.7	40-140	0.935	20
4-Chloro-3-methylphenol	124		µg/l	5.56	222	BRL	55.9	30-130	0.538	20
2-Chlorophenol	124		µg/l	5.56	222	BRL	55.9	30-130	1.44	20
1,4-Dichlorobenzene	59.2		µg/l	5.56	111	BRL	53.3	40-140	2.09	20
4-Nitrophenol	94.2		µg/l	22.2	222	BRL	42.4	30-130	6.83	20
N-Nitrosodi-n-propylamine	92.8		µg/l	5.56	111	BRL	83.6	40-140	1.32	20
Pentachlorophenol	108		µg/l	22.2	222	BRL	48.6	30-130	4.62	20
Phenol	122		µg/l	5.56	222	BRL	55.0	30-130	1.47	20
Pyrene	65.9		µg/l	5.56	111	BRL	59.4	40-140	0.00	20
1,2,4-Trichlorobenzene	54.4		µg/l	5.56	111	BRL	49.0	40-140	1.23	20
Surrogate: 2-Fluorobiphenyl	*64.2*		µg/l		*111*		*57.8*	*30-130*		
Surrogate: 2-Fluorophenol	*70.1*		µg/l		*111*		*63.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*73.3*		µg/l		*111*		*66.0*	*30-130*		
Surrogate: Phenol-d5	*61.8*		µg/l		*111*		*55.7*	*15-110*		
Surrogate: Terphenyl-dl4	*72.9*		µg/l		*111*		*65.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*70.8*		µg/l		*111*		*63.8*	*15-110*		
Batch 7011608 - SW846 3550B										
Blank (7011608-BLK1)										
Prepared: 26-Jan-07 Analyzed: 30-Jan-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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011608 - SW846 3550B										
Blank (7011608-BLK1)										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
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						
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						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011608 - SW846 3550B										
Blank (7011608-BLK1)										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
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	*4540*		µg/kg wet		*6670*		*68.1*	*30-130*		
Surrogate: 2-Fluorophenol	*4950*		µg/kg wet		*6670*		*74.2*	*15-110*		
Surrogate: Nitrobenzene-d5	*4730*		µg/kg wet		*6670*		*70.9*	*30-130*		
Surrogate: Phenol-d5	*5050*		µg/kg wet		*6670*		*75.7*	*15-110*		
Surrogate: Terphenyl-dl4	*5250*		µg/kg wet		*6670*		*78.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5030*		µg/kg wet		*6670*		*75.4*	*15-110*		
LCS (7011608-BS1)										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Acenaphthene	4350		µg/kg wet	330	6670		65.2	40-130		
Acenaphthylene	4420		µg/kg wet	330	6670		66.3	40-130		
Aniline	2730		µg/kg wet	330	6670		40.9	40-130		
Anthracene	4220		µg/kg wet	330	6670		63.3	40-130		
Atrazine	4060		µg/kg wet	330	6670		60.9	40-130		
Azobenzene/Diphenyldiazine	4340		µg/kg wet	330	6670		65.1	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	4960		µg/kg wet	330	6670		74.4	40-130		
Benzo (a) pyrene	5120		µg/kg wet	330	6670		76.8	40-130		
Benzo (b) fluoranthene	5330		µg/kg wet	330	6670		79.9	40-130		
Benzo (g,h,i) perylene	5590		µg/kg wet	330	6670		83.8	40-130		
Benzo (k) fluoranthene	4480		µg/kg wet	330	6670		67.2	40-130		
Benzoic acid	3410		µg/kg wet	330	6670		51.1	0-130		
Benzyl alcohol	5090		µg/kg wet	330	6670		76.3	40-130		
Bis(2-chloroethoxy)methane	4490		µg/kg wet	330	6670		67.3	40-130		
Bis(2-chloroethyl)ether	4170		µg/kg wet	330	6670		62.5	40-130		
Bis(2-chloroisopropyl)ether	3820		µg/kg wet	330	6670		57.3	40-130		
Bis(2-ethylhexyl)phthalate	5090		µg/kg wet	330	6670		76.3	40-130		
4-Bromophenyl phenyl ether	4520		µg/kg wet	330	6670		67.8	40-130		
Butyl benzyl phthalate	5040		µg/kg wet	330	6670		75.6	40-130		
Carbazole	7550		µg/kg wet	330	6670		113	40-130		
4-Chloro-3-methylphenol	4200		µg/kg wet	330	6670		63.0	40-130		
4-Chloroaniline	2930		µg/kg wet	330	6670		43.9	40-130		
2-Chloronaphthalene	4600		µg/kg wet	330	6670		69.0	40-130		
2-Chlorophenol	4150		µg/kg wet	330	6670		62.2	40-130		
4-Chlorophenyl phenyl ether	4410		µg/kg wet	330	6670		66.1	40-130		
Chrysene	4880		µg/kg wet	330	6670		73.2	40-130		
Dibenzo (a,h) anthracene	6250		µg/kg wet	330	6670		93.7	40-130		
Dibenzofuran	4310		µg/kg wet	330	6670		64.6	40-130		
1,2-Dichlorobenzene	4200		µg/kg wet	330	6670		63.0	40-130		
1,3-Dichlorobenzene	4260		µg/kg wet	330	6670		63.9	40-130		
1,4-Dichlorobenzene	4110		µg/kg wet	330	6670		61.6	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 7011608 - SW846 3550B										
LCS (7011608-BS1)										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
3,3'-Dichlorobenzidine	5320		µg/kg wet	330	6670		79.8	40-130		
2,4-Dichlorophenol	4000		µg/kg wet	330	6670		60.0	40-130		
Diethyl phthalate	4820		µg/kg wet	330	6670		72.3	40-130		
Dimethyl phthalate	4460		µg/kg wet	330	6670		66.9	40-130		
2,4-Dimethylphenol	3980		µg/kg wet	330	6670		59.7	40-130		
Di-n-butyl phthalate	4130		µg/kg wet	330	6670		61.9	40-130		
4,6-Dinitro-2-methylphenol	3730		µg/kg wet	330	6670		55.9	40-130		
2,4-Dinitrophenol	3870		µg/kg wet	330	6670		58.0	40-130		
2,4-Dinitrotoluene	5510		µg/kg wet	330	6670		82.6	40-130		
2,6-Dinitrotoluene	5260		µg/kg wet	330	6670		78.9	40-130		
Di-n-octyl phthalate	4770		µg/kg wet	330	6670		71.5	40-130		
Fluoranthene	4770		µg/kg wet	330	6670		71.5	40-130		
Fluorene	4310		µg/kg wet	330	6670		64.6	40-130		
Hexachlorobenzene	4600		µg/kg wet	330	6670		69.0	40-130		
Hexachlorobutadiene	4400		µg/kg wet	330	6670		66.0	40-130		
Hexachlorocyclopentadiene	4040		µg/kg wet	330	6670		60.6	40-130		
Hexachloroethane	3950		µg/kg wet	330	6670		59.2	40-130		
Indeno (1,2,3-cd) pyrene	6110		µg/kg wet	330	6670		91.6	40-130		
1-Methylnaphthalene	4610		µg/kg wet	330	6670		69.1	40-140		
Isophorone	4710		µg/kg wet	330	6670		70.6	40-130		
2-Methylnaphthalene	4110		µg/kg wet	330	6670		61.6	40-130		
2-Methylphenol	3900		µg/kg wet	330	6670		58.5	40-130		
3,4-Methylphenol	5470		µg/kg wet	330	6670		82.0	40-130		
Naphthalene	3600		µg/kg wet	330	6670		54.0	40-130		
2-Nitroaniline	5290		µg/kg wet	330	6670		79.3	40-130		
3-Nitroaniline	3450		µg/kg wet	330	6670		51.7	40-130		
4-Nitroaniline	6360		µg/kg wet	1320	6670		95.4	40-130		
Nitrobenzene	4380		µg/kg wet	330	6670		65.7	40-130		
2-Nitrophenol	4210		µg/kg wet	330	6670		63.1	40-130		
4-Nitrophenol	4080		µg/kg wet	1320	6670		61.2	40-130		
N-Nitrosodimethylamine	5000		µg/kg wet	330	6670		75.0	40-130		
N-Nitrosodi-n-propylamine	5170		µg/kg wet	330	6670		77.5	40-130		
N-Nitrosodiphenylamine	4600		µg/kg wet	330	6670		69.0	40-130		
Pentachlorophenol	5160		µg/kg wet	330	6670		77.4	40-130		
Phenanthrene	4320		µg/kg wet	330	6670		64.8	40-130		
Phenol	3720		µg/kg wet	330	6670		55.8	40-130		
Pyrene	4360		µg/kg wet	330	6670		65.4	40-130		
Pyridine	2390	QC2	µg/kg wet	330	6670		35.8	40-130		
1,2,4-Trichlorobenzene	4510		µg/kg wet	330	6670		67.6	40-130		
2,4,5-Trichlorophenol	4390		µg/kg wet	330	6670		65.8	40-130		
2,4,6-Trichlorophenol	3790		µg/kg wet	330	6670		56.8	40-130		
Surrogate: 2-Fluorobiphenyl	*4770*		µg/kg wet		*6670*		*71.5*	*30-130*		
Surrogate: 2-Fluorophenol	*4700*		µg/kg wet		*6670*		*70.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*4850*		µg/kg wet		*6670*		*72.7*	*30-130*		
Surrogate: Phenol-d5	*4190*		µg/kg wet		*6670*		*62.8*	*15-110*		
Surrogate: Terphenyl-d14	*5140*		µg/kg wet		*6670*		*77.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5720*		µg/kg wet		*6670*		*85.8*	*15-110*		
Duplicate (7011608-DUP1) **Source: SA57341-05**										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Acenaphthene	BRL		µg/kg dry	397		BRL				50
Acenaphthylene	BRL		µg/kg dry	397		BRL				50
Aniline	BRL		µg/kg dry	397		BRL				50
Anthracene	BRL		µg/kg dry	397		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 7011608 - SW846 3550B										
Duplicate (7011608-DUP1) **Source: SA57341-05**										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Atrazine	BRL		µg/kg dry	397		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	397		BRL				50
Benzidine	BRL		µg/kg dry	397		BRL				50
Benzo (a) anthracene	42.6	J	µg/kg dry	397		37.4			13.0	50
Benzo (a) pyrene	78.7	J	µg/kg dry	397		58.6			29.3	50
Benzo (b) fluoranthene	55.4	J	µg/kg dry	397		BRL				50
Benzo (g,h,i) perylene	103	J	µg/kg dry	397		90.3			13.1	50
Benzo (k) fluoranthene	62.6	J	µg/kg dry	397		45.6			31.4	50
Benzoic acid	BRL		µg/kg dry	397		BRL				50
Benzyl alcohol	BRL		µg/kg dry	397		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	397		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	397		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	397		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	397		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	397		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	397		BRL				50
Carbazole	BRL		µg/kg dry	397		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	397		BRL				50
4-Chloroaniline	BRL		µg/kg dry	397		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	397		BRL				50
2-Chlorophenol	BRL		µg/kg dry	397		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	397		BRL				50
Chrysene	45.8	J	µg/kg dry	397		35.8			24.5	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	397		BRL				50
Dibenzofuran	BRL		µg/kg dry	397		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	397		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	397		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	397		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	397		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	397		BRL				50
Diethyl phthalate	BRL		µg/kg dry	397		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	397		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	397		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	397		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	397		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	397		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	397		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	397		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	397		BRL				50
Fluoranthene	35.3	J	µg/kg dry	397		37.4			5.78	50
Fluorene	BRL		µg/kg dry	397		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	397		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	397		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	397		BRL				50
Hexachloroethane	BRL		µg/kg dry	397		BRL				50
Indeno (1,2,3-cd) pyrene	79.5	J	µg/kg dry	397		57.8			31.6	50
1-Methylnaphthalene	BRL		µg/kg dry	397		BRL				50
Isophorone	BRL		µg/kg dry	397		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	397		BRL				50
2-Methylphenol	BRL		µg/kg dry	397		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	397		BRL				50
Naphthalene	BRL		µg/kg dry	397		BRL				50
2-Nitroaniline	BRL		µg/kg dry	397		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 7011608 - SW846 3550B										
Duplicate (7011608-DUP1) **Source: SA57341-05**										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
3-Nitroaniline	BRL		µg/kg dry	397		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1590		BRL				50
Nitrobenzene	BRL		µg/kg dry	397		BRL				50
2-Nitrophenol	BRL		µg/kg dry	397		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1590		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	397		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	397		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	397		BRL				50
Pentachlorophenol	BRL		µg/kg dry	397		BRL				50
Phenanthrene	BRL		µg/kg dry	397		BRL				50
Phenol	BRL		µg/kg dry	397		BRL				50
Pyrene	40.1	J	µg/kg dry	397		41.5			3.43	50
Pyridine	BRL		µg/kg dry	397		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	397		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	397		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	397		BRL				50
Surrogate: 2-Fluorobiphenyl	*4940*		µg/kg dry		*8030*		*61.5*	*30-130*		
Surrogate: 2-Fluorophenol	*5470*		µg/kg dry		*8030*		*68.1*	*15-110*		
Surrogate: Nitrobenzene-d5	*4930*		µg/kg dry		*8030*		*61.4*	*30-130*		
Surrogate: Phenol-d5	*5340*		µg/kg dry		*8030*		*66.5*	*15-110*		
Surrogate: Terphenyl-dl4	*6770*		µg/kg dry		*8030*		*84.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5930*		µg/kg dry		*8030*		*73.8*	*15-110*		
Matrix Spike (7011608-MS1) **Source: SA57341-05**										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Acenaphthene	4250		µg/kg dry	406	8210	BRL	51.8	40-140		
4-Chloro-3-methylphenol	7920		µg/kg dry	406	16400	BRL	48.3	30-130		
2-Chlorophenol	7680		µg/kg dry	406	16400	BRL	46.8	30-130		
1,4-Dichlorobenzene	4110		µg/kg dry	406	8210	BRL	50.1	40-140		
2,4-Dinitrotoluene	4890		µg/kg dry	406	8210	BRL	59.6	40-140		
4-Nitrophenol	7120		µg/kg dry	1620	16400	BRL	43.4	30-130		
N-Nitrosodi-n-propylamine	6000		µg/kg dry	406	8210	BRL	73.1	40-140		
Pentachlorophenol	8690		µg/kg dry	406	16400	BRL	53.0	30-130		
Phenol	7260		µg/kg dry	406	16400	BRL	44.3	30-130		
Pyrene	5460		µg/kg dry	406	8210	41.5	66.0	40-140		
1,2,4-Trichlorobenzene	4310		µg/kg dry	406	8210	BRL	52.5	40-140		
Surrogate: 2-Fluorobiphenyl	*4870*		µg/kg dry		*8210*		*59.3*	*30-130*		
Surrogate: 2-Fluorophenol	*4760*		µg/kg dry		*8210*		*58.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*4760*		µg/kg dry		*8210*		*58.0*	*30-130*		
Surrogate: Phenol-d5	*4550*		µg/kg dry		*8210*		*55.4*	*15-110*		
Surrogate: Terphenyl-dl4	*6580*		µg/kg dry		*8210*		*80.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*5970*		µg/kg dry		*8210*		*72.7*	*15-110*		
Matrix Spike Dup (7011608-MSD1) **Source: SA57341-05**										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Acenaphthene	4790		µg/kg dry	401	8090	BRL	59.2	40-140	13.3	30
4-Chloro-3-methylphenol	8640		µg/kg dry	401	16200	BRL	53.3	30-130	9.84	30
2-Chlorophenol	8410		µg/kg dry	401	16200	BRL	51.9	30-130	10.3	30
1,4-Dichlorobenzene	4450		µg/kg dry	401	8090	BRL	55.0	40-140	9.32	30
2,4-Dinitrotoluene	5530		µg/kg dry	401	8090	BRL	68.4	40-140	13.8	30
4-Nitrophenol	8120		µg/kg dry	1600	16200	BRL	50.1	30-130	14.3	30
N-Nitrosodi-n-propylamine	6630		µg/kg dry	401	8090	BRL	82.0	40-140	11.5	30
Pentachlorophenol	9810		µg/kg dry	401	16200	BRL	60.6	30-130	13.4	30
Phenol	7910		µg/kg dry	401	16200	BRL	48.8	30-130	9.67	30
Pyrene	5980		µg/kg dry	401	8090	41.5	73.4	40-140	10.6	30
1,2,4-Trichlorobenzene	4760		µg/kg dry	401	8090	BRL	58.8	40-140	11.3	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011608 - SW846 3550B										
Matrix Spike Dup (7011608-MSD1) Source: SA57341-05										
Prepared: 26-Jan-07 Analyzed: 30-Jan-07										
Surrogate: 2-Fluorobiphenyl	*5220*		µg/kg dry		*8090*		*64.5*	*30-130*		
Surrogate: 2-Fluorophenol	*5100*		µg/kg dry		*8090*		*63.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*5160*		µg/kg dry		*8090*		*63.8*	*30-130*		
Surrogate: Phenol-d5	*4800*		µg/kg dry		*8090*		*59.3*	*15-110*		
Surrogate: Terphenyl-d14	*6840*		µg/kg dry		*8090*		*84.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*6430*		µg/kg dry		*8090*		*79.5*	*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 7011509 - SW846 3005A										
Blank (7011509-BLK1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-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						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
LCS (7011509-BS1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	0.473		mg/l	0.0150	0.500		94.6	85-115		
Lead	0.471		mg/l	0.0075	0.500		94.2	85-115		
Barium	0.538		mg/l	0.0050	0.500		108	85-115		
Arsenic	0.484		mg/l	0.0040	0.500		96.8	85-115		
Silver	0.494		mg/l	0.0050	0.500		98.8	85-115		
Chromium	0.492		mg/l	0.0050	0.500		98.4	85-115		
Cadmium	0.506		mg/l	0.0025	0.500		101	85-115		
LCS Dup (7011509-BSD1)										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	0.457		mg/l	0.0150	0.500		91.4	85-115	3.44	20
Lead	0.456		mg/l	0.0075	0.500		91.2	85-115	3.24	20
Chromium	0.474		mg/l	0.0050	0.500		94.8	85-115	3.73	20
Arsenic	0.467		mg/l	0.0040	0.500		93.4	85-115	3.58	20
Barium	0.516		mg/l	0.0050	0.500		103	85-115	4.17	20
Cadmium	0.488		mg/l	0.0025	0.500		97.6	85-115	3.62	20
Silver	0.475		mg/l	0.0050	0.500		95.0	85-115	3.92	20
Duplicate (7011509-DUP1) Source: SA57304-07										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Arsenic	BRL		mg/l	0.0040		BRL				20
Silver	BRL		mg/l	0.0050		0.0014				20
Chromium	0.0052	J,QR1	mg/l	0.0080		0.0075			36.2	20
Barium	0.0601		mg/l	0.0050		0.0612			1.81	20
Cadmium	BRL		mg/l	0.0025		BRL				20
Matrix Spike (7011509-MS1) Source: SA57314-12										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	0.478		mg/l	0.0150	0.500	BRL	95.6	75-125		
Lead	0.482		mg/l	0.0075	0.500	0.0183	92.7	75-125		
Silver	0.499		mg/l	0.0050	0.500	0.0008	99.6	75-125		
Arsenic	0.486		mg/l	0.0040	0.500	BRL	97.2	75-125		
Cadmium	0.492		mg/l	0.0025	0.500	BRL	98.4	75-125		
Chromium	0.490		mg/l	0.0050	0.500	0.0064	96.7	75-125		
Barium	0.556		mg/l	0.0050	0.500	0.0272	106	75-125		
Matrix Spike Dup (7011509-MSD1) Source: SA57314-12										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	0.482		mg/l	0.0150	0.500	BRL	96.4	75-125	0.833	20
Lead	0.474		mg/l	0.0075	0.500	0.0183	91.1	75-125	1.67	20
Chromium	0.494		mg/l	0.0050	0.500	0.0064	97.5	75-125	0.813	20
Cadmium	0.500		mg/l	0.0025	0.500	BRL	100	75-125	1.61	20
Silver	0.495		mg/l	0.0050	0.500	0.0008	98.8	75-125	0.805	20

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011509 - SW846 3005A										
Matrix Spike Dup (7011509-MSD1) **Source: SA57314-12**										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Barium	0.574		mg/l	0.0050	0.500	0.0272	109	75-125	3.19	20
Arsenic	0.495		mg/l	0.0040	0.500	BRL	99.0	75-125	1.83	20
Post Spike (7011509-PS1) **Source: SA57314-12**										
Prepared: 25-Jan-07 Analyzed: 26-Jan-07										
Selenium	0.483		mg/l	0.0150	0.500	BRL	96.6	80-120		
Lead	0.478		mg/l	0.0075	0.500	0.0183	91.9	80-120		
Cadmium	0.499		mg/l	0.0025	0.500	BRL	99.8	80-120		
Barium	0.577		mg/l	0.0050	0.500	0.0272	110	80-120		
Chromium	0.490		mg/l	0.0050	0.500	0.0064	96.7	80-120		
Arsenic	0.497		mg/l	0.0040	0.500	BRL	99.4	80-120		
Silver	0.486		mg/l	0.0050	0.500	0.0008	97.0	80-120		
Batch 7011516 - EPA200/SW7000 Series										
Blank (7011516-BLK1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	BRL		mg/kg wet	0.0296						
Duplicate (7011516-DUP1) **Source: SA57314-01**										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.123	QR1	mg/kg dry	0.0322		0.184			39.7	20
Matrix Spike (7011516-MS1) **Source: SA57314-02**										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.732		mg/kg dry	0.0327	0.454	0.188	120	75-125		
Matrix Spike (7011516-MS2) **Source: SA57314-03**		QM7								
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	1.04		mg/kg dry	0.0333	0.462	0.209	180	75-125		
Reference (7011516-SRM1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	2.52		mg/kg wet	0.0300	2.07		122	66.1-132.8		

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 7011510 - EPA200/SW7000 Series										
Blank (7011510-BLK1)										
Prepared & Analyzed: 25-Jan-07										
Mercury	BRL		mg/l	0.00020						
LCS (7011510-BS1)										
Prepared & Analyzed: 25-Jan-07										
Mercury	0.00249		mg/l	0.00020	0.00250		99.6	85-115		
Duplicate (7011510-DUP1)	**Source: SA57304-07**									
Prepared & Analyzed: 25-Jan-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7011510-MS1)	**Source: SA57314-12**									
Prepared & Analyzed: 25-Jan-07										
Mercury	0.00255		mg/l	0.00020	0.00250	0.00008	98.8	75-125		
Matrix Spike Dup (7011510-MSD1)	**Source: SA57314-12**									
Prepared & Analyzed: 25-Jan-07										
Mercury	0.00245		mg/l	0.00020	0.00250	0.00008	94.8	75-125	4.00	20
Post Spike (7011510-PS1)	**Source: SA57314-12**									
Prepared & Analyzed: 25-Jan-07										
Mercury	0.00223		mg/l	0.00020	0.00250	0.00008	86.0	85-115		
Batch 7011515 - EPA 200 Series										
Blank (7011515-BLK1)										
Prepared & Analyzed: 26-Jan-07										
Silver	BRL		mg/kg wet	0.907						
Selenium	BRL		mg/kg wet	1.36						
Cadmium	BRL		mg/kg wet	0.227						
Arsenic	BRL		mg/kg wet	1.36						
Chromium	BRL		mg/kg wet	0.453						
Lead	BRL		mg/kg wet	0.680						
Barium	BRL		mg/kg wet	0.453						
LCS (7011515-BS1)										
Prepared & Analyzed: 26-Jan-07										
Selenium	123		mg/kg wet	1.50	125		98.4	85-115		
Silver	105	QC1	mg/kg wet	1.00	125		84.0	85-115		
Chromium	120		mg/kg wet	0.500	125		96.0	85-115		
Lead	118		mg/kg wet	0.750	125		94.4	85-115		
Cadmium	126		mg/kg wet	0.250	125		101	85-115		
Arsenic	121		mg/kg wet	1.50	125		96.8	85-115		
Barium	133		mg/kg wet	0.500	125		106	85-115		
Duplicate (7011515-DUP1)	**Source: SA57314-01**									
Prepared & Analyzed: 26-Jan-07										
Silver	BRL		mg/kg dry	1.06		BRL				20
Selenium	0.636	J	mg/kg dry	1.59		BRL				20
Lead	52.5	QR5	mg/kg dry	0.795		39.7			27.8	20
Arsenic	2.09	QR1	mg/kg dry	1.59		1.15			58.0	20
Chromium	11.2		mg/kg dry	0.530		10.9			2.71	20
Cadmium	0.408		mg/kg dry	0.265		0.384			6.06	20
Barium	58.5	QR5	mg/kg dry	0.530		42.4			31.9	20
Matrix Spike (7011515-MS1)	**Source: SA57314-02**									
Prepared & Analyzed: 26-Jan-07										
Selenium	112		mg/kg dry	1.45	121	BRL	92.6	70-130		
Silver	102		mg/kg dry	0.965	121	BRL	84.3	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

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 7011515 - EPA 200 Series										
Matrix Spike (7011515-MS1)	**Source: SA57314-02**									
Prepared & Analyzed: 26-Jan-07										
Chromium	118		mg/kg dry	0.483	121	10.4	88.9	70-130		
Lead	153		mg/kg dry	0.724	121	56.7	79.6	70-130		
Arsenic	115		mg/kg dry	1.45	121	2.01	93.4	70-130		
Cadmium	111		mg/kg dry	0.241	121	0.397	91.4	70-130		
Barium	165		mg/kg dry	0.483	121	46.6	97.9	70-130		
Matrix Spike (7011515-MS2)	**Source: SA57314-03**									
Prepared & Analyzed: 26-Jan-07										
Silver	115		mg/kg dry	1.07	134	BRL	85.8	70-130		
Selenium	130		mg/kg dry	1.61	134	1.03	96.2	70-130		
Lead	201		mg/kg dry	0.805	134	83.4	87.8	70-130		
Cadmium	133		mg/kg dry	0.268	134	0.386	99.0	70-130		
Arsenic	144		mg/kg dry	1.61	134	14.5	96.6	70-130		
Chromium	134		mg/kg dry	0.537	134	5.68	95.8	70-130		
Barium	173		mg/kg dry	0.537	134	27.9	108	70-130		
Post Spike (7011515-PS1)	**Source: SA57314-02**									
Prepared & Analyzed: 26-Jan-07										
Selenium	119		mg/kg dry	1.55	130	BRL	91.5	85-115		
Arsenic	124		mg/kg dry	1.55	130	2.01	93.8	85-115		
Chromium	125		mg/kg dry	0.518	130	10.4	88.2	85-115		
Cadmium	117		mg/kg dry	0.259	130	0.397	89.7	85-115		
Barium	180		mg/kg dry	0.518	130	46.6	103	85-115		
Reference (7011515-SRM1)										
Prepared & Analyzed: 26-Jan-07										
Selenium	77.5		mg/kg wet	1.50	80.7		96.0	77.6-122.4		
Silver	50.4		mg/kg wet	1.00	50.6		99.6	66.2-133.7		
Lead	58.0		mg/kg wet	0.750	65.2		89.0	81.5-118.5		
Chromium	33.4		mg/kg wet	0.500	36.6		91.3	79.3-120.8		
Cadmium	31.3		mg/kg wet	0.250	33.3		94.0	82.1-117.9		
Arsenic	60.6		mg/kg wet	1.50	66.2		91.5	80.3-118.9		
Barium	153		mg/kg wet	0.500	160		95.6	82.8-117.2		

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 7011631 - SW846 3010A										
Blank (7011631-BLK1)										
Prepared & Analyzed: 26-Jan-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Silver	BRL		mg/l	0.0100						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
LCS (7011631-BS1)										
Prepared & Analyzed: 26-Jan-07										
Selenium	1.11		mg/l	0.0150	1.25		88.8	79-108		
Lead	1.15		mg/l	0.0075	1.25		92.0	82.3-108		
Chromium	1.19		mg/l	0.0050	1.25		95.2	76.2-118		
Arsenic	1.16		mg/l	0.0150	1.25		92.8	77.4-109		
Cadmium	1.22		mg/l	0.0025	1.25		97.6	87.9-110		
Silver	1.16		mg/l	0.0100	1.25		92.8	55.5-115		
Barium	1.30		mg/l	0.0050	1.25		104	85.1-119		
LCS Dup (7011631-BSD1)										
Prepared & Analyzed: 26-Jan-07										
Lead	1.12		mg/l	0.0075	1.25		89.6	82.3-108	2.64	20
Selenium	1.09		mg/l	0.0150	1.25		87.2	79-108	1.82	20
Silver	1.16		mg/l	0.0100	1.25		92.8	55.5-115	0.00	20
Arsenic	1.13		mg/l	0.0150	1.25		90.4	77.4-109	2.62	20
Cadmium	1.19		mg/l	0.0025	1.25		95.2	87.9-110	2.49	20
Chromium	1.16		mg/l	0.0050	1.25		92.8	76.2-118	2.55	20
Barium	1.27		mg/l	0.0050	1.25		102	85.1-119	2.33	20
Duplicate (7011631-DUP1) Source: SA57314-11										
Prepared & Analyzed: 26-Jan-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	0.0058	J,QR1	mg/l	0.0075		0.0080			31.9	20
Arsenic	BRL		mg/l	0.0150		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	0.0029	J	mg/l	0.0050		BRL				20
Barium	0.0091		mg/l	0.0050		0.0094			3.24	20
Matrix Spike (7011631-MS1) Source: SA57314-01										
Prepared & Analyzed: 26-Jan-07										
Lead	1.07		mg/l	0.0075	1.25	BRL	85.6	81.8-105		
Selenium	1.06		mg/l	0.0150	1.25	BRL	84.8	80.4-105		
Cadmium	1.13		mg/l	0.0025	1.25	BRL	90.4	86.4-108		
Chromium	1.12		mg/l	0.0050	1.25	0.0066	89.1	81.5-111		
Silver	1.05		mg/l	0.0100	1.25	BRL	84.0	63.6-109		
Arsenic	1.10		mg/l	0.0150	1.25	BRL	88.0	79.2-106		
Barium	1.20		mg/l	0.0050	1.25	0.0074	95.4	88.9-114		
Matrix Spike Dup (7011631-MSD1) Source: SA57314-01										
Prepared & Analyzed: 26-Jan-07										
Selenium	1.08		mg/l	0.0150	1.25	BRL	86.4	80.4-105	1.87	20
Lead	1.09		mg/l	0.0075	1.25	BRL	87.2	81.8-105	1.85	20
Arsenic	1.12		mg/l	0.0150	1.25	BRL	89.6	79.2-106	1.80	20
Silver	1.09		mg/l	0.0100	1.25	BRL	87.2	63.6-109	3.74	20
Chromium	1.14		mg/l	0.0050	1.25	0.0066	90.7	81.5-111	1.77	20

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7011631 - SW846 3010A										
Matrix Spike Dup (7011631-MSD1) Source: SA57314-01										
Prepared & Analyzed: 26-Jan-07										
Cadmium	1.15		mg/l	0.0025	1.25	BRL	92.0	86.4-108	1.75	20
Barium	1.25		mg/l	0.0050	1.25	0.0074	99.4	88.9-114	4.08	20
Post Spike (7011631-PS1) Source: SA57314-01										
Prepared & Analyzed: 26-Jan-07										
Lead	1.03		mg/l	0.0075	1.25	BRL	82.4	80.3-108		
Selenium	1.02		mg/l	0.0150	1.25	BRL	81.6	77.7-108		
Silver	1.02		mg/l	0.0100	1.25	BRL	81.6	61.7-107		
Arsenic	1.06		mg/l	0.0150	1.25	BRL	84.8	79.3-107		
Chromium	1.07		mg/l	0.0050	1.25	0.0066	85.1	78.1-114		
Barium	1.17		mg/l	0.0050	1.25	0.0074	93.0	86.8-118		
Batch 7011632 - EPA200/SW7000 Series										
Blank (7011632-BLK1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	BRL		mg/l	0.00040						
LCS (7011632-BS1)										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.00288		mg/l	0.00040	0.00250		115	66.6-117		
Duplicate (7011632-DUP1) Source: SA57314-11										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (7011632-MS1) Source: SA57314-01										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.00300	QM8	mg/l	0.00040	0.00250	BRL	120	76.1-111		
Matrix Spike Dup (7011632-MSD1) Source: SA57314-01										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.00287	QM8	mg/l	0.00040	0.00250	BRL	115	76.1-111	4.43	20
Post Spike (7011632-PS1) Source: SA57314-01										
Prepared: 26-Jan-07 Analyzed: 29-Jan-07										
Mercury	0.00265		mg/l	0.00040	0.00250	BRL	106	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 7011555 - General Preparation										
Duplicate (7011555-DUP1) Source: SA57312-06										
Prepared & Analyzed: 25-Jan-07										
% Solids	94.9		%			94.9			0.00	20

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.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and/or LCS recovery.
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.
QR5	RPD out of acceptance range.
R05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
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

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole 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 Independent Wheel True - New Haven, CT	NHRY Independent Wheel True - New Haven, CT/	

This Form Provides certifications for the following data set:

SA57314-01	SA57314-11
SA57314-02	SA57314-12
SA57314-03	SA57314-13
SA57314-04	
SA57314-05	
SA57314-06	
SA57314-07	
SA57314-08	
SA57314-09	
SA57314-10	

Sample Matrices:
- Aqueous
- Soil/Sediment

List Specific Analytical Methods Used:
- +CT ETPH
- EPA 200.7
- 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

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: 2/1/2007

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

* Reportable Detection Limit BRL = Below Reporting Limit

SA S7314 ✓ EM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL 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

Invoice To: CTDOT - DAS Contract c/o LES
P.O. No.: _____ RQN: _____

Project No.: _____
Site Name: New Haven Rail Yard Wheel True 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=_____ X2=_____ X3=_____

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	CTETPH	Base Neutrals Acid Extractables 8270	PCBs 8082	Pesticides 8081A	Total RCRA 8 Metals	SPLP RCRA 8 Metals	
S7314-01	IWT-1 2'-4'	1-23-07		C	SO		3	1				X	X	X	X	X	X	X	+SVPC
02	IWT-2 2'-4'																		
03	IWT-3 4'-6'																		
04	IWT-4 2'-4'																		
05	IWT-5 4'-6'																		
06	IWT-6 2'-4'																		
07	IWT-7 4'-8'																		
08	IWT-8 4'-6'																		
09	IWT-9 2'-4'																		
10	IWT-10 2'-4'																		

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 2 cotly

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	1/24/07	1400
[signature]	[signature]	1/24/07	16:00

SA S7314 RM

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 Wheel Tree 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= 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 Extractable 8270	PCBs 8082	Pesticides 8081A	Total RCRA 8 Metals	SPLP RCRA 8 Metals		QA Reporting Notes: (check if needed)
S7314-11	IWT-12 2-4'	1-23-07		C	SO		3	1				X	X	X	X	X	X	X		+SWPC
12	IWT-8 GW	↓		G	GW		3	4		1		↓	X	X	X	X	X			
13	TB-2	↓			X1		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 ck@logicalenvironmental.com
EDD Format PDF

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2° Cooler

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	1/24/07	1400
[signature]	[signature]	1/24/07	16:00

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