"ERIC ROBINSON"

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TASK 210: SUBSURFACE SITE INVESTIGATION

New Britain-Hartford Busway Project
569 to 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

ConnDOT Assignment No. 202-3153
ConnDOT Project No. 171-305

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

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

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1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Maguire Group Inc. has conducted a Task 210 - Subsurface Site Investigation for the 569 to 583 Flatbush Avenue property in Hartford and West Hartford, Connecticut. This Task 210 – Subsurface Site Investigation was completed in association with the New Britain to Hartford Busway, Flatbush Avenue Breakout project in West Hartford, Connecticut. Based upon a review of the preliminary construction plans, the anticipated construction activities will involve total right-of-way takings of several parcels, including the acquisition of the 569 to 583 Flatbush Avenue property. This Task 210 – Subsurface Site Investigation was conducted on the 569 to 583 Flatbush Avenue property. Figure 1 depicts the project area.

The purpose of the Task 210 - Subsurface Site Investigation is to verify the absence or presence and location of subsurface contamination within the 569 to 583 Flatbush Avenue property boundaries. 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

The Task 210 - Subsurface Site Investigation was conducted on the 569 to 583 Flatbush Avenue property which is situated at the western intersection of Flatbush Avenue and Newfield Street on the West Hartford and Hartford city line. The property comprises a total of 0.915 acres and contains a one-story warehouse building in the western portion of the property that was constructed in 1930. The eastern portion of the parcel contains a rectangular commercial building that was constructed in 1925 and added onto during the 1970's. The warehouse building is currently vacant and the rectangular commercial building contains three distinct units. Two of the units are vacant and the third houses the Pentecost Deliverance Church of God

FIGURE 1 – SITE LOCATION PLAN
569 to 583 Flatbush Avenue
New Britain to Hartford Busway Project, Flatbush Avenue Breakout
Hartford and West Hartford, Connecticut

Ministries. The property formerly housed a furniture store in the early 2000's, storage space for the Hartford Housing Authority in the 1990's to 2000's, the Connecticut Plywood Company from the mid-1950's to the late 1980's, and the United Mason's Supply Company from the 1930's to the early 1950's. The northern portion of the rectangular commercial building formerly contained a liquor store from the 1970's to the early 2000's, and a grocery store from the 1940's to the 1960's. The central and southern portions of the rectangular commercial building formerly housed a restaurant in the early 1990's and a variety store during the 1970's. The historical Sanborn Fire Insurance Map from 1950 depicts an underground gasoline tank in the southern portion of the property. It is not known if the tank was ever removed from the property. The property is currently owned by Eric Robinson, Willie Montgomery, Carl Burney, and George Dicks and was assigned a moderate risk designation in MGI's September, 2006 Task 120 – Preliminary Site Evaluation report. The site is depicted in Figure 2 - Task 210 Project Area & Sampling Locations.

3.0 LOCAL ENVIRONMENT & RECEPTORS

3.1 Groundwater & Topography

The CTDEP's "Environmental GIS Data for Connecticut" depicts the groundwater classification for the site as "GB", which indicates that the groundwater is not suitable for consumption due to waste discharges, spills or leaks of chemicals, or land use impacts, and a public water supply is available. The site is located adjacent to a groundwater classification boundary between "GB" and "GA" groundwater areas, and the properties across New Park Avenue to the west have "GA" groundwater classifications. The site and its surrounding properties are connected to the Metropolitan District Commission's (MDC) public water distribution system and municipal sewer system. Groundwater was encountered at depths ranging from 2 to 7 feet below grade in all of the soil borings. However, groundwater recharge rates were slow due to the silt and clay soil encountered at the site.

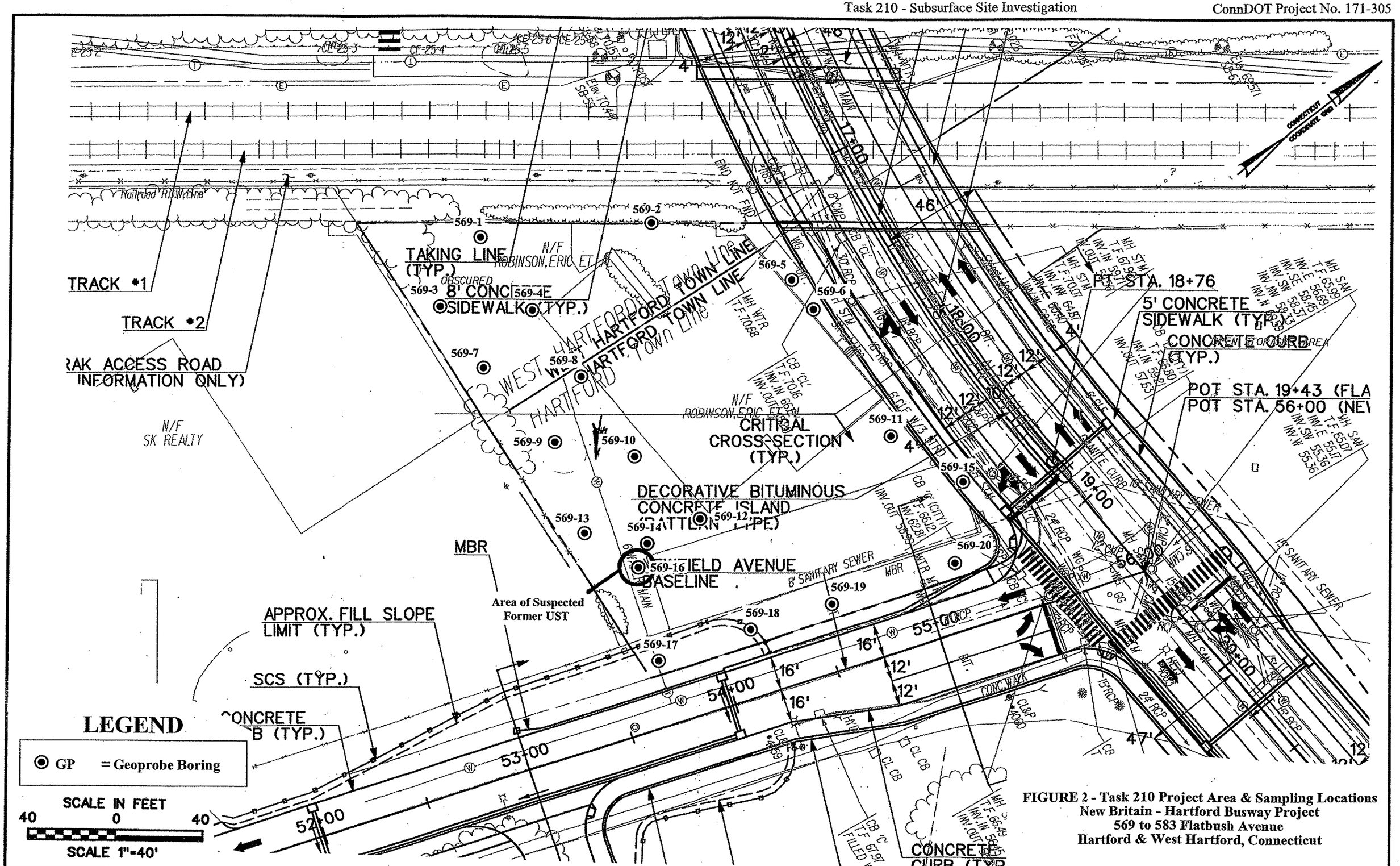

FIGURE 2 - Task 210 Project Area & Sampling Locations
New Britain - Hartford Busway Project
569 to 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

The project area is located within the Park Regional Basin, within the Connecticut Major Drainage Basin. There are no surface water bodies located on the site. However, the South Branch of the Park River is located approximately 725 feet to the northeast of the site and it is classified as a Class "C/B" surface water body. A Class "C/B" designation indicates that the surface water body does not meet one or more Class "B" uses due to pollution. Class "B" surface water body uses include recreational use, fish and wildlife habitat, agricultural and industrial supply, and other legitimate uses including navigation. The regional flow direction of the South Branch of the Park River is towards the northeast.

The site and the area around the site are relatively flat, although there is a slight regional downward slope to the east. Based upon this, it is estimated that surface water runoff at the site flows to the east.

3.2 Geology

The CTDEP's "Environmental GIS Data for Connecticut" indicates that the soil at the site is Fines, which is described as well sorted thin layers of alternating silt and clay or thicker layers of very fine sand and silt. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the Site area is the Portland Arkose, which is a red-brown arkosic sandstone. Soils encountered during this investigation consisted of fill comprised of sand, cinders, and brick underlain by sand and silt units with varying amounts of clay and gravel. Bedrock was not encountered in any of the borings.

4.0 SUBSURFACE INVESTIGATION

Based on the commercial nature of the site, and the past presence of a gasoline UST on the property, a comprehensive sampling program was conducted on the 569 to 583 Flatbush Avenue parcel. The following subsections detail the investigation. Authorization to access the property (owned by Eric Robinson, Willie Montgomery, Carl Burney, and George Dicks) was obtained by the State of Connecticut by means of a Notice of Condemnation dated November 6, 2006, and a copy of the Certificate of Condemnation is enclosed in Appendix A. The following subsections detail the investigation.

4.1 Magnetic Survey

On December 4, 2006 a magnetic survey was conducted at the site in the southeastern portion of the property where a gasoline UST was depicted in the 1950 Sanborn Fire Insurance Map. The location of the area investigated is depicted on Figure 2 – Task 210 Project Area and Sampling Locations. The purpose of the magnetic survey was to identify magnetic anomalies that may signify the presence of buried metallic objects such as USTs. The magnetic survey was completed prior to the commencement of the subsurface sampling investigation in these areas in order to avoid puncturing any buried USTs that may be present. The magnetic survey was completed utilizing a Schonstedt® GA-92XT magnetic locator and a Metrotech® 9800XT magnetic locator receiver and transmitter.

The magnetic survey completed in the southeastern portion of the property did not reveal the presence of an anomaly indicative of an underground tank. Several small magnetic anomalies were found in the area that were attributed to former underground, metallic fence posts, an underground water line, and miscellaneous pieces of scrap metal that were partially buried in the area. Two soil borings (569-14 and 569-16) were advanced in the areas of the strongest anomalies in the vicinity of the suspected UST. The soil encountered in boring 569-16 consisted of a loose, red-brown coarse sand unit (fill) that was not native soil, based upon the soils encountered during previous borings conducted throughout the site. The loose sand fill extended to approximately eight (8) feet below grade until native material was reached. The presence of the fill to this depth likely indicates that the historic UST was removed from the property sometime in the past. Additional exploratory probes were advanced in an outward radius from this boring location to determine the size of the fill area, which was approximately fifteen feet (15) long by ten (10) feet wide.

4.2 Geoprobe® Soil Borings & Soil Sample Analyses

On December 4 and 5, 2006, twenty (20) Geoprobe® soil borings (569-1 through 569-20) were advanced on the 569 to 583 New Park Avenue property. 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 12 feet below grade or sampler refusal 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 B.

Based upon field screening results and visual observations, one (1) soil sample from each boring was placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. At three (3) selected boring locations (569-12, 569-14, & 569-16) two (2) soil samples (shallow and deep) from each boring were selected for laboratory analysis. The analyses of all soil samples included volatile organic compounds (VOCs) utilizing EPA Method 8260, petroleum hydrocarbons utilizing the Connecticut ETPH method, and total and SPLP RCRA 8 metals. Two (2) selected soil samples collected from borings 569-1 and 569-2 were also analyzed for base neutral/acid extractables utilizing EPA Method 8270, pesticides utilizing EPA Method 8081A, and polychlorinated biphenyls (PCBs) utilizing EPA Method 8082. The soil samples collected from borings 569-3 through 569-20 were also analyzed for base neutrals (BNs) utilizing EPA Method 8270.

The Geoprobe® soil borings were back-filled and patched upon completion utilizing clean sand and/or hydrated bentonite. All down-hole sampling equipment was decontaminated in accordance with Maguire's September 2006 Task 210 - Subsurface Site Investigation Work Plan.

4.3 Groundwater Sample Collection & Analyses

Two (2) groundwater grab samples (569-1 GW and 569-16 GW) were collected from borings in which sufficient groundwater was encountered. The groundwater grab samples were collected by placing dedicated PVC screen and riser casing into the borehole. Dedicated polyethylene tubing was inserted into the casing and groundwater was drawn through the tubing using a low-flow peristaltic pump. The groundwater samples were placed in laboratory-supplied glassware, and stored in an ice-filled cooler. All of the groundwater samples were analyzed for VOCs (EPA Method 8260), petroleum hydrocarbons (Connecticut ETPH), BNs (EPA Method 8270), and total RCRA 8 metals.

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 during sampling activities. Two (2) trip blank samples were prepared by Spectrum Analytical Laboratory and two (2) field blank samples were collected in the field. The field and trip blank samples were stored with the daily samples in the sample cooler until subsequent delivery to the laboratory. The FB-1 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 FB-2 field blank sample was collected by directly pouring the laboratory supplied de-ionized water into the appropriate sample containers to check the quality of the de-ionized water, glassware, and laboratory sample handling and analytical procedures. The field blank samples were analyzed for the same parameters as the daily samples. The trip blank samples were analyzed for VOCs.

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 have impacted the sample integrity.

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 and 5.3 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 Direct Exposure Criteria (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 fifteen (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 four (4) feet below the ground surface, two (2) feet below pavement greater than three (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 Pollutant Mobility Criteria (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 site is situated in 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 soil samples collected for this investigation.

Groundwater Protection Criteria

The purpose of the Groundwater Protection Criteria 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 site is situated in a GB groundwater area, the GPC do not apply.

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 fifteen (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 located within fifteen (15) feet of the ground surface, the Volatilization Criteria apply to this Site.

Surface Water Protection Criteria

The purpose of the Surface Water Protection Criteria (SWPC) standards are to ensure that groundwater discharging to a surface water body will not adversely effect surface water quality. Since groundwater likely discharges to the South Branch of the Park River, the SWPC apply to contaminants detected in the groundwater.

5.2 Results of 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 Geoprobe® boring soil samples are presented in Tables 1(a) to 1(f), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the soil samples.

Varying concentrations of petroleum hydrocarbons were detected in all of the borings from Below Reporting Limits (BRL) to 660 parts per million (ppm). The 0 to 2 foot sample from boring 569-2 contained petroleum hydrocarbons (660 ppm) at a concentration that exceeds its Residential DEC of 500 ppm. In addition, the 2 to 4 foot sample from boring 569-5 contained petroleum hydrocarbons at a concentration of 539 ppm, which exceeds its Residential DEC of 500 ppm. No other samples contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

VOCs were not detected in any of the soil samples. Several semi-volatile organic compounds (BNs and BNAs) were detected at varying total concentrations ranging from BRL to 57.31 ppm. Two (2) soil samples contained concentrations of semi-volatile organic compounds that exceed applicable CTDEP RSR Criteria. The 0 to 2 foot soil sample from boring 569-2 contained the BNA compounds benzo(a)anthracene (5.14 ppm), benzo(a)pyrene (4.63 ppm), benzo(b)fluoranthene (5.12 ppm), benzo(k)fluoranthene (5.2 ppm), chrysene (5.23 ppm), and indeno(1,2,3-cd)pyrene (1.7 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene 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 569-5 contained the BN compounds benzo(a)anthracene (1.31 ppm), benzo(a)pyrene (2.13 ppm), benzo(b)fluoranthene (2.59 ppm), benzo(k)fluoranthene (1.87 ppm), and chrysene (2.0 ppm) at concentrations that exceed their respective GB PMC. The compounds benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene 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 569-1 and 569-2 soil samples did not contain detectable concentrations of pesticides and the 569-1 soil sample did not contain detectable concentrations of PCBs. The 0 to 2 foot sample from boring 569-2 contained total PCBs at a concentration of 0.0911 ppm, which does not exceed any applicable CTDEP RSR criteria.

Total and leachable concentrations of the metals arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected at varying concentrations in the soil samples. The 2 to 4 foot sample from boring 569-20 contained total arsenic at a concentration of 55.0 ppm, which exceeds its Residential and Commercial/Industrial DEC of 10 ppm. In addition, the 0 to 2 foot sample collected from boring 569-2 contained total lead at a concentration of 1,100 ppm, which exceeds its Residential DEC of 500 and Commercial/Industrial DEC of 1,000 ppm. No other soil samples contained total or leachable metals at concentrations that exceed any applicable CTDEP RSR criteria.

5.3 Results of Groundwater Grab Sample Analyses

The groundwater grab samples (569-1 GW and 569-16 GW) collected during the advancement of the Geoprobe® borings were sent to Spectrum Analytical for laboratory analyses. A summary of the laboratory results from the groundwater grab samples is presented in Table 2, which is located at the end of this report, and copies of the groundwater analytical results are included in Appendix D.

Petroleum hydrocarbons were not detected in the groundwater samples. The 569-1 GW groundwater sample contained the VOCs 1,1-dichloroethane (9.8 parts per billion [ppb]) and 1,1-dichloroethene (10.9 ppb). The concentration of 1,1-dichloroethene detected in the sample exceeds its Residential VC of 1 ppb and its Commercial/Industrial VC of 6 ppb. No other VOCs were detected in the groundwater samples.

The 569-1 GW groundwater sample contained the BN compounds 1-methylnaphthalene (0.08 ppb), 2-methylnaphthalene (0.093 ppb), and phenanthrene (0.067 ppb) at low concentrations that do not exceed any applicable CTDEP RSR criteria. The 569-16 GW groundwater sample did not contain detectable concentrations of BNs.

Total concentrations of the metals arsenic, barium, cadmium, chromium, lead, and selenium were detected at varying concentrations in the groundwater samples. Total arsenic was detected at elevated concentrations that exceed its SWPC of 0.004 ppm in the 569-1 GW (0.0388 ppm) and 569-16 GW (0.0069 ppm) groundwater samples. The 569-1 GW groundwater sample contained total cadmium (0.0108 ppm) at a concentration that exceeds its SWPC of 0.006 ppm. and total chromium (0.222 ppm) at a concentration that exceeds its SWPC of 0.11 ppm. Total lead was detected at elevated concentrations that exceed its SWPC of 0.013 ppm in the 569-1 GW (0.123 ppm) and 569-16 GW (0.0264 ppm) groundwater samples.

5.4 Quality Assurance/Quality Control Samples

The field blank (FB-1 & FB-2) and trip blank (TB-1 & TB-2) samples did not contain detectable concentrations of contaminants. Copies of the analytical reports associated with the quality assurance/quality control samples are included in Appendix E.

6.0 DISCUSSION OF AFFECTED RESOURCES

Based upon the results of laboratory analyses performed on the soil and groundwater samples for this Task 210 investigation, two (2) areas of environmental concern (AOEC) for soil, and a site-wide Groundwater Area of Environmental Concern (GWAOEC) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, two (2) low-level areas of environmental concern (LLAOEC) have been identified, where contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs, GWAOEC, and LLAOECs within the project area are discussed in the following sections.

6.1 Soil Areas of Environmental Concern

AOEC #1: Borings 569-2 & 569-5:

Analytical results from the soil samples collected from borings 569-2 and 569-5 indicate the presence of petroleum hydrocarbon, semi-volatile organic (BNA and BN compounds) and total lead contamination at elevated concentrations in soil ranging from 0 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC. PCBs were also detected in the 0 to 2 foot soil sample from boring 569-2 at low concentrations that do not exceed any applicable CTDEP RSR criteria.

AOEC #2: Boring 569-20:

Analytical results from the soil sample collected from boring 569-20 indicate the presence of total arsenic contamination at elevated concentrations in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the Residential DEC and Commercial/Industrial DEC.

6.2 Groundwater Area of Environmental Concern

Analytical results from the 569-1 GW and 569-16 GW groundwater samples indicate the presence of VOC, total arsenic, total cadmium, total chromium, and total lead contamination at elevated concentrations that exceed the Residential VC, Commercial/Industrial VC, and SWPC. The groundwater throughout the site is also impacted with BNs at low concentrations that do not exceed any applicable CTDEP RSR criteria. Therefore, all construction dewatering fluids generated within the project site shall be considered contaminated and must be pumped to approved containers for filtration or sediment settling, and sampled prior to discharge or disposal in accordance with applicable regulations and permit requirements. Active remediation of the groundwater at the site is not recommended due to the GB classification of the site and the availability of a public water supply.

6.3 Low Level Areas of Environmental Concern

LLAOEC #A: Boring 569-4 & 569-8:

Analytical results from the soil samples collected from borings 569-4 and 569-8 indicate the presence of BNs at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 2 to 4 feet below grade.

LLAOEC #B: Boring 569-16:

Analytical results from the soil sample collected from boring 569-16 indicate the presence of the petroleum hydrocarbons at a concentration below CTDEP RSR standards. The contamination was detected in the soil ranging from 4 to 8 feet below grade.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the 569 to 583 Flatbush Avenue property, in association with the New Britain to Hartford Busway, Flatbush Avenue Breakout project in Hartford and West Hartford, Connecticut indicate the presence of petroleum hydrocarbons, semi-volatile organic compounds (BNA and BN compounds), total arsenic, and total lead contamination in the soil, at concentrations that exceed applicable RSR criteria. The contamination was detected in soils ranging in depth from 0 to 4 feet below grade. Two (2) Areas of Environmental Concern (AOEC) for soil, a site-wide Groundwater Area of Environmental Concern (GWAOEC), and two (2) Low-Level Areas of Environmental Concern (LLAOECs) for soil have been identified within the project area. Task 310 Plans and Specifications are therefore recommended to address proposed construction activities within the Areas of Environmental Concern, Groundwater Area of Environmental Concern, and Low-Level Area of Environmental Concern described in Section 6.0 above.

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	David R. Stock, P.E.	Jane Witherell, P.E., L.E.P.
Logical Env. Solutions	Program Manager	Principal Engineer

TABLES

TABLE 1(a) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.: Sample Depth:	569-1 2'-4'	569-2 0'-2'	569-3 2'-4'	569-4 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	***660***	BRL	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNAs - Method 8270 (ppm)			NA	NA		
Acenaphthylene	BRL	1.13			84 ppm	1,000/2,500 ppm
Anthracene	BRL	1.97			400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	***5.14***			**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	BRL	***4.63***			**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	***5.12***			**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	BRL	1.56			42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	***5.2***			**1 ppm**	8.4/78 ppm
Chrysene	BRL	***5.23***			**1 ppm**	84/780 ppm
Fluoranthene	BRL	10.8			56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	***1.7***			**1 ppm**	**1**/7.8 ppm
Phenanthrene	BRL	5.91			40 ppm	1,000/2,500 ppm
Pyrene	BRL	8.92			40 ppm	1,000/2,500 ppm
Total BNAs	BRL	57.31				
BNs - Method 8270 (ppm)	NA	NA				
Fluoranthene			BRL	0.793	56 ppm	1,000/2,500 ppm
Phenanthrene			BRL	0.532	40 ppm	1,000/2,500 ppm
Pyrene			BRL	0.63	40 ppm	1,000/2,500 ppm
Total BNs			BRL	1.955		
Pesticides - Method 8081 (ppm)	BRL	BRL	NA	NA		
PCBs – Method 8082 (ppm)			NA	NA		
PCB-1254	BRL	0.0473			Not Applicable	1/10 ppm
PCB-1260	BRL	0.0438			Not Applicable	1/10 ppm
Total PCBs	BRL	0.0911			Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	2.25	9.15	BRL	2.65		10/10 ppm
Barium	41.3	543	35.0	61.4		4,700/140,000 ppm
Cadmium	0.527	4.45	0.451	2.28		34/1,000 ppm
Chromium	12.4	70.3	11.2	19.4		100/100 ppm
Lead	14.2	***1,100***	7.12	12.9		**500/1,000 ppm**
Mercury	BRL	1.5	BRL	BRL		20/610 ppm
Selenium	BRL	BRL	BRL	3.05		340/10,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0089	0.0232	0.007	0.0092	10.0 ppm	
Lead	BRL	0.0304	BRL	BRL	0.15 ppm	

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

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

TABLE 1(b) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.: Sample Depth:	569-5 2'-4'	569-6 2'-4'	569-7 2'-4'	569-8 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	***539***	BRL	BRL	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNs - Method 8270 (ppm)						
Benzo(a)anthracene	***1.31***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(a)pyrene	***2.13***	BRL	BRL	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***2.59***	BRL	BRL	BRL	**1 ppm**	**1**/7.8 ppm
Benzo(g,h,i)perylene	1.79	BRL	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	***1.87***	BRL	BRL	BRL	**1 ppm**	8.4/78 ppm
Chrysene	***2.0***	BRL	BRL	BRL	**1 ppm**	84/780 ppm
Fluoranthene	1.38	BRL	BRL	0.554	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	1.26	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Pyrene	2.34	BRL	BRL	BRL	40 ppm	1,000/2,500 ppm
Total BNs	16.67	BRL	BRL	0.554		
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	2.06	BRL	BRL	BRL		10/10 ppm
Barium	57.4	56.7	51.0	50.2		4,700/140,000 ppm
Cadmium	0.791	0.435	0.518	0.83		34/1,000 ppm
Chromium	13.6	17.7	14.3	15.5		100/100 ppm
Lead	85.4	5.76	8.52	13.0		500/1,000 ppm
Mercury	0.0937	BRL	BRL	BRL		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0077	BRL	0.007	0.0106	10.0 ppm	

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

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

TABLE 1(c) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.: Sample Depth:	569-9 2'-4'	569-10 2'-4'	569-11 4'-8'	569-12 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	3.7	BRL	BRL		10/10 ppm
Barium	63.1	61.3	55.8	39.7		4,700/140,000 ppm
Cadmium	0.49	0.912	0.455	0.35		34/1,000 ppm
Chromium	16.7	13.8	15.0	10.8		100/100 ppm
Lead	9.69	40.6	5.26	10.1		500/1,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0071	0.0162	0.0051	0.0108	10.0 ppm	

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

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

TABLE 1(d) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.: Sample Depth:	569-12 4'-8'	569-13 2'-4'	569-14 2'-4'	569-14 4'-8'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	4.5	1.81	BRL		10/10 ppm
Barium	41.2	37.5	37.8	43.8		4,700/140,000 ppm
Cadmium	0.546	1.07	0.295	BRL		34/1,000 ppm
Chromium	12.1	15.2	11.7	12.3		100/100 ppm
Lead	6.06	12.6	7.43	4.79		500/1,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0128	0.022	0.014	0.0226	10.0 ppm	

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

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

TABLE 1(e) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.:	569-15	569-16	569-16	569-17	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	2'-4'	4'-8'	4'-8'		
CT ETPH - (ppm)	BRL	BRL	69.5	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
BNs - Method 8270 (ppm)	BRL	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	2.34	BRL	BRL	2.03		10/10 ppm
Barium	63.1	30.2	26.5	88.9		4,700/140,000 ppm
Cadmium	0.436	BRL	BRL	0.534		34/1,000 ppm
Chromium	21.3	7.2	6.9	22.6		100/100 ppm
Lead	7.26	4.65	3.97	8.06		500/1,000 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0178	0.0079	0.0059	0.0172	10.0 ppm	
Cadmium	BRL	BRL	BRL	0.0034	0.05 ppm	
Lead	BRL	BRL	BRL	0.133	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(f) - Results of Geoprobe Boring Soil Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Boring I.D.: Sample Depth:	569-18 2'-4'	569-19 2'-4'	569-20 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL		
BNs - Method 8270 (ppm)	BRL	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable	
Arsenic	BRL	BRL	***55.0***		**10/10 ppm**
Barium	74.0	41.0	45.2		4,700/140,000 ppm
Cadmium	0.38	0.294	2.59		34/1,000 ppm
Chromium	13.0	12.7	22.4		100/100 ppm
Lead	13.6	6.28	17.2		500/1,000 ppm
Mercury	0.0454	BRL	0.0506		20/610 ppm
Selenium	BRL	BRL	2.48		340/10,000 ppm
SPLP RCRA 8 Metals - ppm					Not Applicable
Barium	0.0077	0.0118	BRL	10.0 ppm	

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

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

TABLE 2 - Results of Groundwater Sample Analyses
New Britain-Hartford Busway: Flatbush Breakout
569 – 583 Flatbush Avenue
Hartford & West Hartford, Connecticut

Sample I.D.:	569-1 GW	569-16 GW	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	BRL	BRL	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)				
1,1-Dichloroethane	9.8	BRL	None Established	34,600/50,000 ppb
1,1-Dichloroethene	***10.9***	BRL	96 ppb	**1/6 ppb**
BNs - EPA Method 8270 (ppb)				
1-Methylnaphthalene	0.08	BRL	None Established	None Established
2-Methylnaphthalene	0.093	BRL	None Established	None Established
Phenanthrene	0.067	BRL	0.3 ppb	None Established
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	***0.0388***	***0.0069***	**0.004 ppm**	
Barium	1.84	0.424	None Established	
Cadmium	***0.0108***	BRL	**0.006 ppm**	
Chromium	***0.222***	0.0446	**0.11 ppm**	
Lead	***0.123***	***0.0264***	**0.013 ppm**	
Selenium	0.0196	BRL	0.05 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
Certificate of Condemnation for Access

Docket No. CV_____S

File No. 171-305-093

Commissioner of Transportation vs. Eric Robinson et al

CERTIFICATION

I hereby certify that a copy of the Notice of Condemnation and Assessment of Damages and taking map filed with the Clerk of the Superior Court of the Judicial District of New Britain on November 6, 2006 were mailed by first class mail, postage prepaid to:

Eric Robinson
Willie C. Montgomery
Carl Burney
George Dicks
583 Flatbush Avenue
Hartford, Connecticut 06106

Eric Robinson (Duplicate Notice)
Willie C. Montgomery
Carl Burney
George Dicks
42 Natick Street
Hartford, Connecticut 06106

Dolores A. Slota (Mortgagee)
26 Patton Street
East Hartford, Connecticut 06118

City of Hartford (Tax Lien)
Tax Collector
550 Main Street
Hartford, Connecticut 06103

Town of West Hartford (Tax Lien)
Tax Collector
50 South Main Street
West Hartford, Connecticut 06107

Lucille Green (Judgment Lien)
c/o Michael Sucoll, Esq.
67 Russ Street
Hartford, Connecticut 06106

On this 7 day of November, 2006

James M. Gingras III
Property Agent II
Office of Rights of Way
Connecticut Department of Transportation

CERTIFICATE OF CONDEMNATION

THIS IS TO CERTIFY that the State of Connecticut, acting herein by its Commissioner of Transportation, Ralph J. Carpenter, pursuant to the provisions of Section 13a-60 of the General Statutes of Connecticut, as revised, has taken by filing an Assessment and Notice of Condemnation on November 6, 2006, with the Clerk of the Superior Court in the Judicial District of Hartford, a right of entry upon premises owned by Eric Robinson, Willie C. Montgomery, Carl Burney and George Dicks, 583 Flatbush Avenue, Hartford, Connecticut 06106, in which the following persons and/or corporations had an interest of record therein.

Dolores A. Slota (Mortgagee)
26 Patton Street
East Hartford, Connecticut 06118

City of Hartford (Tax Lien)
Tax Collector
550 Main Street
Hartford, Connecticut 06103

Town of West Hartford (Tax Lien)
Tax Collector
50 South Main Street
West Hartford, Connecticut 06107

Lucille Green (Judgment Lien)
c/o Michael Sucoll, Esq.
67 Russ Street
Hartford, Connecticut 06106

DESCRIPTION OF RIGHT

Said interest consists of the right to enter that certain parcel of land situated in the Towns of Hartford and West Hartford, County of Hartford and State of Connecticut, on the southerly side of Present Flatbush Avenue, at Newfield Avenue, known as 569/583 Flatbush Avenue, for the purpose of Subsurface Site Investigation in support of the New Britain-Hartford Busway.

Said right of entry shall terminate automatically upon completion of said Subsurface Site Investigation, unless sooner released by the State.

Eric Robinson et al
171-305-93

The above-described premises are taken subject to such rights and easements as appeared of record.

Dated at Newington, Connecticut, this 3rd day of November A.D. 2006.

Ralph J. Carpenter
Commissioner of Transportation
State of Connecticut

By _____ (L.S.)
Arthur W. Gruhn, P.E.
Chief Engineer
Bureau of Engineering
and Highway Operations
Duly Authorized

Return to:
State of Connecticut
Department of Transportation
Office of Rights of Way / 0403
P.O. Box 317546
2800 Berlin Turnpike
Newington, Connecticut 06131-7546
File No. 171-305-93

APPENDIX B
Boring Logs

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. **Boring:** 569-1

Location: Hartford & West Hartford, CT **Inspector:** C. Criscuolo

Client: Maguire Group Inc. **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		Red-Brown fine to coarse SAND & medium to coarse GRAVEL	0.5		
1.0		Gray-Brown fine to medium SAND, little Silt	1.5	0.2	Macro Core 0'-2'
2.0					
3.0		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)		1.9	Macro Core 2'-4'
4.0					
5.0					
6.0		Orange-Brown fine SAND & SILT	6.0	1.0	Macro Core 4'-8'
7.0			7.0		
8.0					
9.0		Gray-Brown fine SAND & SILT (wet)			
10.0				0.1	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0		Groundwater Grab Sample Collected			
15.0					

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

Driller: Wayne Lineberry **Depth to Water:** 7' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-2

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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	0.5		
1.0		Dark-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel & Cinders (FILL)	2.0	0.9	Macro Core 0'-2'
2.0					
3.0		End of Boring at 2'			
		Refusal with Manual Geoprobe			
4.0					
5.0					
6.0					
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** Dry | **Boring Dia.:** 2"

Rig: Manual Geoprobe | **Boring Depth:** 2' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. **Boring:** 569-3

Location: Hartford & West Hartford, CT **Inspector:** C. Criscuolo

Client: Maguire Group Inc. **Date:** 12-5-06

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		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL	0.5		
1.0		Gray-Brown fine to medium SAND, little Silt	1.5	0	Macro Core 0'-2'
2.0					
3.0		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)		0.2	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0	Macro Core 4'-8'
		Orange-Brown fine SAND & SILT	7.0		
7.0					
8.0					
9.0		Gray-Brown fine SAND & SILT (wet)			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry **Depth to Water:** 7' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave.
Boring: 569-4
Location: Hartford & West Hartford, CT
Inspector: C. Criscuolo
Client: Maguire Group Inc.
Date: 12-5-06

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
		Ground Surface	0.0		
0.0		Red-Brown fine to coarse SAND & medium to coarse GRAVEL	0.5		
1.0		Gray-Brown fine to medium SAND, little Silt	1.5	0.1	Macro Core 0'-2'
2.0, 3.0, 4.0, 5.0		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)		0.9	Macro Core 2'-4'
6.0			6.0	0.2	Macro Core 4'-8'
7.0, 8.0, 9.0, 10.0, 11.0		Gray-Brown fine SAND & SILT (wet)		0	Macro Core 8'-12'
12.0			12.0		
13.0, 14.0, 15.0		End of Boring at 12'			

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

Driller: Wayne Lineberry
Depth to Water: 6'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-5

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0				2.4	Macro Core 0'-2'
2.0					
3.0		Dark-Brown fine to medium SAND, trace Silt, Brick, Cinders & fine to coarse Gravel (FILL)		3.1	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	1.4	Macro Core 4'-8'
7.0		Brown fine SAND, some Silt (wet, mottled)	7.5		
8.0					
9.0					
10.0		Gray-Brown SILT, little Clay (moist)		0.2	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 3' | **Boring Dia.:** 2"

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. **Boring:** 569-6

Location: Hartford & West Hartford, CT **Inspector:** C. Criscuolo

Client: Maguire Group Inc. **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0				0	Macro Core 0'-2'
2.0					
3.0		Dark-Brown fine to medium SAND, trace Silt, Brick, Cinders & fine to coarse Gravel (FILL)		0.3	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.1	Macro Core 4'-8'
7.0		Brown fine SAND, some Silt (wet, mottled)	7.5		
8.0					
9.0					
10.0		Gray-Brown SILT, little Clay (moist)		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry **Depth to Water:** 3' **Boring Dia.:** 2"

Rig: Geoprobe 540U **Boring Depth:** 12' **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-7

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"	0.7		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0	Macro Core 0'-2'
1.0		Gray-Brown fine to medium SAND, little Silt	1.5		
2.0					
3.0				0.2	Macro Core 2'-4'
4.0		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)			
5.0					
6.0			6.0	0.1	Macro Core 4'-8'
7.0					
8.0					
9.0		Gray-Brown fine SAND & SILT (wet)			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-8

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"	0.7		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0.1	Macro Core 0'-2'
1.0		Gray-Brown fine to medium SAND, little Silt	1.5		
2.0					
3.0				0.8	Macro Core 2'-4'
		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)			
4.0					
5.0					
6.0			6.0	0.1	Macro Core 4'-8'
7.0					
8.0					
9.0		Gray-Brown fine SAND & SILT (wet)			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-9

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"	0.7		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0	Macro Core 0'-2'
1.0		Gray-Brown fine to medium SAND, little Silt	1.5		
2.0					
3.0				0	Macro Core 2'-4'
		Dark Brown to Dark Gray fine SAND, some Silt, trace Brick & Cinders (FILL)			
4.0					
5.0					
6.0			6.0	0	Macro Core 4'-8'
7.0					
8.0					
9.0		Gray-Brown fine SAND & SILT (wet)			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-10

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"	0.7		
1.0		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0	Macro Core 0'-2'
2.0		Dark-Brown to Dark-Gray SILT, trace fine Sand, Clay & Brick (FILL)			
3.0				0.2	Macro Core 2'-4'
4.0			4.0		
5.0		Dark Brown SILT, trace fine Sand & Clay (wet at 6')			
6.0				0	Macro Core 4'-8'
7.0			8.0		
8.0					
9.0		Gray-Brown fine SAND & SILT			
10.0				0	Macro Core 8'-12'
11.0			12.0		
12.0					
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-11

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0				0	Macro Core 0'-2'
2.0					
3.0		Dark-Brown fine to medium SAND, trace Silt, Brick, Cinders & fine to coarse Gravel (FILL)		0.4	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.9	Macro Core 4'-8'
7.0		Brown fine SAND, some Silt (wet, mottled)	7.5		
8.0					
9.0					
10.0		Gray-Brown SILT, little Clay (moist)		0.1	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-12

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"	0.5		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0	Macro Core 0'-2'
1.0		Gray-Brown fine to medium SAND, little Silt	1.5		
2.0		Dark-Brown to Dark-Gray SILT, trace fine Sand, Clay & Brick (FILL)		0.3	Macro Core 2'-4'
3.0			4.0		
4.0		Dark Brown SILT, trace fine Sand & Clay (wet at 6')		0.3	Macro Core 4'-8'
5.0					
6.0					
7.0			8.0		
8.0		Gray-Brown fine SAND & SILT		0	Macro Core 8'-12'
9.0					
10.0					
11.0			12.0		
12.0		End of Boring at 12'			
13.0					
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-13

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-5-06

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 - 2"	0.5		
		Red-Brown fine to coarse SAND & medium to coarse GRAVEL		0	Macro Core 0'-2'
1.0		Dark-Brown fine to medium SAND, some Silt, trace Brick & Cinders (FILL)	2.0		
2.0					
3.0				1.3	Macro Core 2'-4'
4.0		Gray-Brown SILT, little fine Sand, trace Clay			
5.0					
6.0			6.0	0.8	Macro Core 4'-8'
7.0		Orange-Brown fine SAND & SILT (wet)	7.5		
8.0					
9.0					
10.0		Gray-Brown SILT, little Clay, trace fine Sand		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-14

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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 - 2"	0.5		
1.0		Red-Brown fine to coarse SAND, trace Silt & fine Gravel		0	Macro Core 0'-2'
		Gray-Brown fine SAND, some Silt	1.5		
2.0		Red-Brown fine to coarse SAND, trace Silt (wet)			
3.0			3.0	0.8	Macro Core 2'-4'
4.0					
5.0					
6.0				0.5	Macro Core 4'-8'
7.0		Gray-Brown SILT, trace Clay & fine Sand (moist)			
8.0					
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 3' | **Boring Dia.:** 2"

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-15
Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo
Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt	1.0	0	Macro Core 0'-2'
2.0					
3.0				0.3	Macro Core 2'-4'
4.0					
5.0		Brown to Gray-Brown fine SAND, some Silt (wet, mottled)			
6.0				0.1	Macro Core 4'-8'
7.0					
8.0					
9.0			9.0		
10.0		Gray-Brown SILT, little Clay (moist)		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 3' | **Boring Dia.:** 2"
Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-16

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0				0	Macro Core 0'-2'
2.0					
3.0		Red-Brown fine to coarse SAND, trace Silt & fine to coarse Gravel		0.4	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.5	Macro Core 4'-8'
7.0		Red-Brown coarse SAND, trace fine to coarse Gravel & Silt (wet)	7.5		
8.0					
9.0					
10.0		Gray-Brown SILT, trace Clay & fine Sand (moist)		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0		Groundwater Grab Sample Collected			
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-17

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		Dark-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt			
1.0				0	Macro Core 0'-2'
2.0		Dark-Brown SILT, trace fine Sand & Clay (wet at 2')	2.5		
3.0		Gray-Brown fine SAND, little Silt, trace fine Clay (wet)		0	Macro Core 2'-4'
4.0			4.0		
5.0					
6.0				0	Macro Core 4'-8'
7.0					
8.0		Gray-Brown SILT, trace Clay and fine Sand (mottled, wet)			
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

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

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-18

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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
		Ground Surface	0.0		
0.0		ASPHALT - 2"			
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt		0	Macro Core 0'-2'
2.0			2.5		
3.0		Brown fine to medium SAND, little Silt, trace fine Gravel		0	Macro Core 2'-4'
4.0			4.0		
5.0		Gray-Brown SILT, trace Clay and fine Sand (mottled, wet)			
6.0				0	Macro Core 4'-8'
7.0					
8.0					
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 4' | **Boring Dia.:** 2"

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-19

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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 - 2"			
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt	1.0	0	Macro Core 0'-2'
2.0					
3.0				0.1	Macro Core 2'-4'
4.0					
5.0		Brown to Gray-Brown fine SAND, some Silt (wet, mottled)			
6.0				0	Macro Core 4'-8'
7.0					
8.0					
9.0			9.0		
10.0		Gray-Brown SILT, little Clay (moist)		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 3' | **Boring Dia.:** 2"

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: 569-583 Flatbush Ave. | **Boring:** 569-20

Location: Hartford & West Hartford, CT | **Inspector:** C. Criscuolo

Client: Maguire Group Inc. | **Date:** 12-4-06

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 - 2"			
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Silt	1.0	0	Macro Core 0'-2'
2.0					
3.0				0	Macro Core 2'-4'
4.0					
5.0		Brown to Gray-Brown fine SAND, some Silt (wet, mottled)			
6.0				0	Macro Core 4'-8'
7.0					
8.0					
9.0			9.0		
10.0		Gray-Brown SILT, little Clay (moist)		0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

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

Driller: Wayne Lineberry | **Depth to Water:** 3' | **Boring Dia.:** 2"

Rig: Geoprobe 540U | **Boring Depth:** 12' | **Page:** 1 of 1

APPENDIX C
Soil Sample
Laboratory Reports

Report Date:
13-Dec-06 14:49

☑ 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: Busway Flatbush Breakout - CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA55134-01	569-1 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-02	569-2 0'-2'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-03	569-3 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-04	569-4 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-05	569-7 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-06	569-8 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-07	569-9 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-08	569-10 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-09	569-12 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-10	569-12 4'-8'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-11	569-13 2'-4'	Soil	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-12	569-1 GW	Ground Water	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-13	FB-2	Blank Water	05-Dec-06 00:00	06-Dec-06 15:45
SA55134-14	TB-2	Blank Water	05-Dec-06 00:00	06-Dec-06 15:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 98 pages of analytical data plus Chain of Custody document(s).
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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

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Report Date:
11-Dec-06 16:36

☑ 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: Busway Flatbush Breakout - CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA55069-01	569-5 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-02	569-6 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-03	569-11 4'-8'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-04	569-14 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-05	569-14 4'-8'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-06	569-15 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-07	569-16 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-08	569-16 4'-8'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-09	569-17 4'-8'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-10	569-18 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-11	569-19 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-12	569-20 2'-4'	Soil	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-13	569-16 GW	Ground Water	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-14	FB-1	Blank Water	04-Dec-06 00:00	05-Dec-06 16:35
SA55069-15	TB-1	Blank Water	04-Dec-06 00:00	05-Dec-06 16:35

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 91 pages of analytical data plus Chain of Custody document(s).
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Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 2'-4' SA55134-01	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	152	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-01				

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	7.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	152	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*92.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*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	25.4	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	25.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	25.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	25.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	25.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	25.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	25.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*98.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 2'-4' SA55134-01	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.89	1	SW846 8081A	07-Dec-06	10-Dec-06	6120413	TG
319-84-6	a-BHC	BRL		µg/kg dry	6.89	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	6.89	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.89	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.89	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	34.5	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	6.89	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	6.89	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	6.89	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.89	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.89	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.89	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.89	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.89	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.89	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.89	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.89	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.89	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	34.5	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.89	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.89	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.89	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*60.3*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*120*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.8	1	SW846 8082	07-Dec-06	08-Dec-06	6120411	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*39.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59.9*		*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	630	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	630	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	630	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	630	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	630	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	630	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	630	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
569-1 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	630	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	630	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	630	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	630	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	630	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	630	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	630	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	630	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	630	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	630	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	630	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	630	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	630	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	630	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	630	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	630	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	630	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	630	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	630	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	630	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	630	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	630	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	630	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	630	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	630	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	630	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	630	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	630	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	630	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 2'-4' SA55134-01	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	630	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	2520	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	2520	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	630	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	630	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	630	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	630	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	630	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	630	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	630	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*45.3*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*62.6*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*68.4*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0377	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.89	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	2.25		mg/kg dry	1.74	1	"	"	"	"	"
7440-39-3	Barium	41.3		mg/kg dry	0.579	1	"	"	"	"	"
7440-43-9	Cadmium	0.527		mg/kg dry	0.289	1	"	"	"	"	"
7440-47-3	Chromium	12.4		mg/kg dry	0.579	1	"	"	"	"	"
7439-92-1	Lead	14.2		mg/kg dry	0.868	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.74	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0089		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.2		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-2 0'-2'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	11.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	234	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	11.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	11.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	23.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	117	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	58.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	23.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	11.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	23.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	23.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	11.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	23.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	117	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	117	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	117	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-2 0'-2'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-02				

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	11.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	11.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	11.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	23.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	117	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	11.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	11.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	11.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	117	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	234	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*110*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.3	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.3	1	"	"	"	"	"
M09800000	Motor Oil	Calculated as		mg/kg dry	33.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.3	1	"	"	"	"	"
	Unidentified	660		mg/kg dry	33.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	33.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	660		mg/kg dry	33.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	660		mg/kg dry	33.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*523*	S02	*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											

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
569-2 0'-2'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	8.94	1	SW846 8081A	07-Dec-06	10-Dec-06	6120413	TG
319-84-6	a-BHC	BRL		µg/kg dry	8.94	1	"	"	"	"	"
319-85-7	b-BHC	BRL		µg/kg dry	8.94	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	8.94	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	8.94	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	44.7	1	"	"	"	"	"
72-54-8	4,4-DDD (p,p')	BRL		µg/kg dry	8.94	1	"	"	"	"	"
72-55-9	4,4-DDE (p,p')	BRL		µg/kg dry	8.94	1	"	"	"	"	"
50-29-3	4,4-DDT (p,p')	BRL		µg/kg dry	8.94	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	8.94	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	8.94	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	8.94	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	8.94	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	8.94	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	8.94	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	8.94	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	8.94	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	44.7	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	8.94	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	8.94	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	8.94	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*43.1*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*67.6*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	17.9	1	SW846 8082	07-Dec-06	08-Dec-06	6120411	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	17.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	17.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	17.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	17.9	1	"	"	"	"	"
11097-69-1	PCB 1254	47.3		µg/kg dry	17.9	1	"	"	"	"	"
11096-82-5	PCB 1260	43.8		µg/kg dry	17.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	17.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	17.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*39.9*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*39.9*		*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	826	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
208-96-8	Acenaphthylene	1,130		µg/kg dry	826	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	826	1	"	"	"	"	"
120-12-7	Anthracene	1,970		µg/kg dry	826	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	826	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	826	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	826	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-2 0'-2'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-02				

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	5,140		µg/kg dry	826	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
50-32-8	Benzo (a) pyrene	4,630		µg/kg dry	826	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	5,120		µg/kg dry	826	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	1,560		µg/kg dry	826	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	5,200		µg/kg dry	826	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	826	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	826	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	826	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	826	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	826	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	826	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	826	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	826	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	826	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	826	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	826	1	"	"	"	"	"
218-01-9	Chrysene	5,230		µg/kg dry	826	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	826	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	826	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	826	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	826	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	826	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	826	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	826	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	826	1	"	"	"	"	"
206-44-0	Fluoranthene	10,800		µg/kg dry	826	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	826	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	826	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	826	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	826	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,700		µg/kg dry	826	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	826	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	826	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	826	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	826	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	826	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	826	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	826	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
569-2 0'-2'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-02				

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											
99-09-2	3-Nitroaniline	BRL		µg/kg dry	826	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
100-01-6	4-Nitroaniline	BRL		µg/kg dry	3300	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	3300	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	826	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	826	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	826	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
85-01-8	Phenanthrene	5,910		µg/kg dry	826	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	826	1	"	"	"	"	"
129-00-0	Pyrene	8,920		µg/kg dry	826	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	826	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	826	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	826	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*39.2*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*64.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*72.8*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	1.50		mg/kg dry	0.0504	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	4.19	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	9.15		mg/kg dry	2.52	1	"	"	"	"	"
7440-39-3	Barium	543		mg/kg dry	0.839	1	"	"	"	"	"
7440-43-9	Cadmium	4.45		mg/kg dry	0.419	1	"	"	"	"	"
7440-47-3	Chromium	70.3		mg/kg dry	0.839	1	"	"	"	"	"
7439-92-1	Lead	1,100		mg/kg dry	1.26	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	2.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0232		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	0.0304		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	59.0		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-3 2'-4' SA55134-03	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.2	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	144	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-3 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-03				

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	7.2	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	144	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	18.0	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*95.1*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-3 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	447	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	447	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	447	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	447	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	447	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	447	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	447	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	447	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	447	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	447	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	447	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	447	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	447	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	447	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	447	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	447	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	447	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	447	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	447	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	447	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	447	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	447	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	447	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	447	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	447	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	447	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	447	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	447	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	447	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	447	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	447	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	447	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	447	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	447	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	447	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	447	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	447	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	447	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	447	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	447	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	447	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	447	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	447	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	447	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	447	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
569-3 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	447	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	447	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55.9*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*39.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*65.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63.4*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0366	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.01	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	35.0		mg/kg dry	0.602	1	"	"	"	"	"
7440-43-9	Cadmium	0.451		mg/kg dry	0.301	1	"	"	"	"	"
7440-47-3	Chromium	11.2		mg/kg dry	0.602	1	"	"	"	"	"
7439-92-1	Lead	7.12		mg/kg dry	0.903	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	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	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.3		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-4 2'-4' SA55134-04	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	155	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-4 2'-4' SA55134-04	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*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	20.4	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*118*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-4 2'-4' SA55134-04	171-305	Soil	05-Dec-06 00:00	06-Dec-06

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3550B

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	505	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	505	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	505	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	505	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	505	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	505	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	505	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	505	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	505	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	505	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	505	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	505	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	505	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	505	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	505	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	505	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	505	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	505	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	505	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	505	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	505	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	505	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	505	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	505	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	505	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	505	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	505	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	505	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	505	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	505	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	505	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	505	1	"	"	"	"	"
85-01-8	Phenanthrene	534		µg/kg dry	505	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	505	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
206-44-0	Fluoranthene	793		µg/kg dry	505	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	505	1	"	"	"	"	"
129-00-0	Pyrene	630		µg/kg dry	505	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	505	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	505	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	505	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	505	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	505	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	505	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	505	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	505	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
569-4 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	505	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	505	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55.9*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*43.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*40.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0378	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.09	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	2.65		mg/kg dry	1.85	1	"	"	"	"	"
7440-39-3	Barium	61.4		mg/kg dry	0.618	1	"	"	"	"	"
7440-43-9	Cadmium	2.28		mg/kg dry	0.309	1	"	"	"	"	"
7440-47-3	Chromium	19.4		mg/kg dry	0.618	1	"	"	"	"	"
7439-92-1	Lead	12.9		mg/kg dry	0.927	1	"	"	"	"	"
7782-49-2	Selenium	3.05		mg/kg dry	1.85	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0092		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.4		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-5 2'-4' SA55069-01	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	6.0	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
67-64-1	Acetone	BRL		µg/kg dry	120	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	12.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	59.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	59.9	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-5 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-01				

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	6.0	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	59.9	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	59.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	120	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	86.3	5	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	86.3	5	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	86.3	5	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	86.3	5	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	86.3	5	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	86.3	5	"	"	"	"	"
	Unidentified	539		mg/kg dry	86.3	5	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	86.3	5	"	"	"	"	"
	Total Petroleum Hydrocarbons	539		mg/kg dry	86.3	5	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	539		mg/kg dry	86.3	5	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*121*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-5 2'-4' SA55069-01	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1070	10	SW846 8270C	06-Dec-06	07-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1070	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1070	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1070	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1070	10	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1070	10	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1070	10	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1070	10	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	1070	10	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1070	10	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1070	10	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1070	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1070	10	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1070	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1070	10	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1070	10	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1070	10	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1070	10	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1070	10	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	1070	10	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1070	10	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	1070	10	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1070	10	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1070	10	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1070	10	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1070	10	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1070	10	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1070	10	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1070	10	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1070	10	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1070	10	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1070	10	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	1070	10	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1070	10	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
206-44-0	Fluoranthene	1,380		µg/kg dry	1070	10	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1070	10	"	"	"	"	"
129-00-0	Pyrene	2,340		µg/kg dry	1070	10	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	1070	10	"	"	"	"	"
56-55-3	Benzo (a) anthracene	1,310		µg/kg dry	1070	10	"	"	"	"	"
218-01-9	Chrysene	2,000		µg/kg dry	1070	10	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1070	10	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	2,590		µg/kg dry	1070	10	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	1,870		µg/kg dry	1070	10	"	"	"	"	"
50-32-8	Benzo (a) pyrene	2,130		µg/kg dry	1070	10	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,260		µg/kg dry	1070	10	"	"	"	"	"

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
569-5 2'-4' SA55069-01	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1070	10	SW846 8270C	06-Dec-06	07-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	1,790		µg/kg dry	1070	10	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*82.4*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*107*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*65.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*109*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*104*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*103*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0937		mg/kg dry	0.0312	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.08	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	2.06		mg/kg dry	1.62	1	"	"	"	"	"
7440-39-3	Barium	57.4		mg/kg dry	0.542	1	"	"	"	"	"
7440-43-9	Cadmium	0.791		mg/kg dry	0.271	1	"	"	"	"	"
7440-47-3	Chromium	13.6		mg/kg dry	0.542	1	"	"	"	"	"
7439-92-1	Lead	85.4		mg/kg dry	0.812	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	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0077		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	90.3		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-6 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	05-Dec-06	05-Dec-06	6120306	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	7.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
67-64-1	Acetone	BRL		µg/kg dry	155	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	15.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-6 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-02				

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	7.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	155	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	19.5	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*70.9*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-6 2'-4' SA55069-02	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	483	1	SW846 8270C	06-Dec-06	07-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	483	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	483	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	483	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	483	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	483	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	483	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	483	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	483	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	483	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	483	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	483	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	483	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	483	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	483	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	483	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	483	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	483	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	483	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	483	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	483	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	483	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	483	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	483	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	483	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	483	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	483	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	483	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	483	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	483	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	483	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	483	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	483	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	483	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	483	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	483	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	483	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	483	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	483	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	483	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	483	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	483	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	483	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	483	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	483	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
569-6 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	483	1	SW846 8270C	06-Dec-06	07-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	483	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*91.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*80.9*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69.3*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.7*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*98.4*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*97.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0367	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.22	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.84	1	"	"	"	"	"
7440-39-3	Barium	56.7		mg/kg dry	0.612	1	"	"	"	"	"
7440-43-9	Cadmium	0.435		mg/kg dry	0.306	1	"	"	"	"	"
7440-47-3	Chromium	17.7		mg/kg dry	0.612	1	"	"	"	"	"
7439-92-1	Lead	5.76		mg/kg dry	0.918	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.84	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.7		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-7 2'-4' SA55134-05	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.4	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	149	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.9	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	74.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.9	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.9	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.9	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.9	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	74.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	74.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	74.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-7 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.9	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	74.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	74.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	149	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*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	19.9	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*78.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-7 2'-4' SA55134-05	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	494	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	494	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	494	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	494	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	494	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	494	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	494	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	494	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	494	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	494	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	494	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	494	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	494	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	494	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	494	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	494	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	494	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	494	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	494	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	494	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	494	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	494	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	494	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	494	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	494	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	494	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	494	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	494	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	494	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	494	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	494	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	494	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	494	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	494	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	494	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	494	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	494	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	494	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	494	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	494	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	494	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	494	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	494	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	494	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	494	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
569-7 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	494	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	494	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*44.7*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48.1*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*62.1*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53.1*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0362	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.01	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	51.0		mg/kg dry	0.603	1	"	"	"	"	"
7440-43-9	Cadmium	0.518		mg/kg dry	0.301	1	"	"	"	"	"
7440-47-3	Chromium	14.3		mg/kg dry	0.603	1	"	"	"	"	"
7439-92-1	Lead	8.52		mg/kg dry	0.904	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	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	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00040	1	SW846 1312/7470A	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-8 2'-4' SA55134-06	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.4	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
67-64-1	Acetone	BRL		µg/kg dry	147	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	73.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-8 2'-4' SA55134-06	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	73.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	147	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*			*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*			*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*			*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*			*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	20.1	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	20.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	20.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	20.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	20.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71.4*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-8 2'-4' SA55134-06	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	498	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	498	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	498	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	498	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	498	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	498	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	498	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	498	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	498	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	498	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	498	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	498	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	498	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	498	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	498	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	498	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	498	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	498	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	498	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	498	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	498	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	498	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	498	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	498	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	498	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	498	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	498	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	498	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	498	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	498	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	498	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	498	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	498	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	498	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
206-44-0	Fluoranthene	554		µg/kg dry	498	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	498	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	498	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	498	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	498	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	498	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	498	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	498	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	498	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	498	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	498	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
569-8 2'-4' SA55134-06	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	498	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	498	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56.5*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0357	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.96	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	50.2		mg/kg dry	0.593	1	"	"	"	"	"
7440-43-9	Cadmium	0.830		mg/kg dry	0.296	1	"	"	"	"	"
7440-47-3	Chromium	15.5		mg/kg dry	0.593	1	"	"	"	"	"
7439-92-1	Lead	13.0		mg/kg dry	0.889	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.78	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0106		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	82.6		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-9 2'-4' SA55134-07	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
67-64-1	Acetone	BRL		µg/kg dry	151	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.3	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.1	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.1	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.3	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-9 2'-4' SA55134-07	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.3	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	151	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*			*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*			*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*			*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*			*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	17.9	1	+CT ETPH	07-Dec-06	08-Dec-06	6120408	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*102*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-9 2'-4' SA55134-07	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	445	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	445	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	445	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	445	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	445	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	445	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	445	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	445	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	445	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	445	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	445	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	445	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	445	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	445	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	445	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	445	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	445	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	445	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	445	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	445	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	445	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	445	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	445	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	445	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	445	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	445	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	445	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	445	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	445	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	445	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	445	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	445	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	445	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	445	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	445	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	445	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	445	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	445	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	445	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	445	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	445	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	445	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	445	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	445	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	445	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
569-9 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	445	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	445	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.0*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*46.5*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*57.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*70.6*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0372	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.02	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.81	1	"	"	"	"	"
7440-39-3	Barium	63.1		mg/kg dry	0.604	1	"	"	"	"	"
7440-43-9	Cadmium	0.490		mg/kg dry	0.302	1	"	"	"	"	"
7440-47-3	Chromium	16.7		mg/kg dry	0.604	1	"	"	"	"	"
7439-92-1	Lead	9.69		mg/kg dry	0.907	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.81	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0071		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.3		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-10 2'-4' SA55134-08	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.2	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
67-64-1	Acetone	BRL		µg/kg dry	124	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	30.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	61.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	61.8	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
569-10 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-08				

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	6.2	1	SW 846 8260B	07-Dec-06	11-Dec-06	6120481	RJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	124	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*			*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*			*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*			*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*			*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	19.1	1	+CT ETPH	08-Dec-06	11-Dec-06	6120538	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-10 2'-4' SA55134-08	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	475	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	475	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	475	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	475	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	475	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	475	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	475	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	475	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	475	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	475	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	475	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	475	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	475	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	475	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	475	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	475	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	475	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	475	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	475	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	475	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	475	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	475	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	475	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	475	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	475	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	475	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	475	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	475	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	475	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	475	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	475	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	475	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	475	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	475	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-10 2'-4' SA55134-08	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	475	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	475	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*64.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60.4*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*42.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*61.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*72.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0341	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.78	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	3.70		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	61.3		mg/kg dry	0.556	1	"	"	"	"	"
7440-43-9	Cadmium	0.912		mg/kg dry	0.278	1	"	"	"	"	"
7440-47-3	Chromium	13.8		mg/kg dry	0.556	1	"	"	"	"	"
7439-92-1	Lead	40.6		mg/kg dry	0.835	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.67	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0162		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	85.8		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-11 4'-8'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	05-Dec-06	05-Dec-06	6120306	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	7.4	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
67-64-1	Acetone	BRL		µg/kg dry	148	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	74.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	74.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
99-87-6	4-isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	74.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	74.2	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-11 4'-8' SA55069-03	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	74.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	74.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	148	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*113*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*118*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	17.7	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*59.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-11 4'-8' SA55069-03	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	439	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	439	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	439	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	439	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	439	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	439	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	439	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	439	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	439	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	439	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	439	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	439	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	439	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	439	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	439	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	439	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	439	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	439	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	439	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	439	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	439	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	439	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	439	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	439	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	439	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	439	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-11 4'-8' SA55069-03	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	439	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	439	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*86.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*75.0*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58.1*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*90.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*92.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0370	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.25	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.87	1	"	"	"	"	"
7440-39-3	Barium	55.8		mg/kg dry	0.623	1	"	"	"	"	"
7440-43-9	Cadmium	0.455		mg/kg dry	0.311	1	"	"	"	"	"
7440-47-3	Chromium	15.0		mg/kg dry	0.623	1	"	"	"	"	"
7439-92-1	Lead	5.26		mg/kg dry	0.934	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.87	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0051		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.9		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 2'-4' SA55134-09	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	RLJ
67-64-1	Acetone	BRL		µg/kg dry	173	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	8.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	17.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	86.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	43.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	17.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	8.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	17.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	17.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	17.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	86.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	86.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	86.6	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 2'-4' SA55134-09	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	17.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	8.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	86.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	8.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	86.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	173	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*110*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*93.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*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	23.4	1	+CT ETPH	08-Dec-06	11-Dec-06	6120538	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	23.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	23.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	23.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	23.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	23.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	23.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	23.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	23.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	23.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*71.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 2'-4'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-09				

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3550B

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	580	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	580	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	580	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	580	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	580	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	580	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	580	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	580	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	580	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	580	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	580	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	580	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	580	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	580	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	580	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	580	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	580	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	580	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	580	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	580	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	580	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	580	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	580	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	580	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	580	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	580	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	580	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	580	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	580	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	580	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	580	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	580	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	580	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	580	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	580	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	580	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	580	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	580	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	580	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	580	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	580	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	580	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	580	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	580	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	580	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 2'-4' SA55134-09	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	580	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	580	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60.1*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*50.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*47.3*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*59.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*72.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0403	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.19	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.91	1	"	"	"	"	"
7440-39-3	Barium	39.7		mg/kg dry	0.637	1	"	"	"	"	"
7440-43-9	Cadmium	0.350		mg/kg dry	0.319	1	"	"	"	"	"
7440-47-3	Chromium	10.8		mg/kg dry	0.637	1	"	"	"	"	"
7439-92-1	Lead	10.1		mg/kg dry	0.956	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.91	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0108		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.4		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 4'-8'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-10				

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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.5	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	RLJ
67-64-1	Acetone	BRL		µg/kg dry	150	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	75.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	37.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	75.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	75.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	75.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 4'-8' SA55134-10	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	75.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	75.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	150	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*106*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*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	18.1	1	+CT ETPH	08-Dec-06	11-Dec-06	6120538	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	18.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	18.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	18.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	18.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	18.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	18.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	18.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	18.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	18.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*56.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-12 4'-8'	171-305	Soil	05-Dec-06 00:00	06-Dec-06
SA55134-10				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	450	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	450	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	450	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	450	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	450	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	450	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	450	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	450	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	450	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	450	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	450	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	450	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	450	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	450	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	450	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	450	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	450	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	450	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	450	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	450	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	450	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	450	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	450	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	450	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	450	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	450	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	450	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	450	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	450	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	450	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	450	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	450	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	450	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	450	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	450	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	450	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	450	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	450	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	450	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	450	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	450	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	450	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	450	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	450	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	450	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
569-12 4'-8' SA55134-10	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	450	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	450	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57.4*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*45.9*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*40.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*61.3*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0372	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	2.79	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	41.2		mg/kg dry	0.557	1	"	"	"	"	"
7440-43-9	Cadmium	0.546		mg/kg dry	0.279	1	"	"	"	"	"
7440-47-3	Chromium	12.1		mg/kg dry	0.557	1	"	"	"	"	"
7439-92-1	Lead	6.06		mg/kg dry	0.836	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.67	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0128		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	79.1		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-13 2'-4' SA55134-11	171-305	Soil	05-Dec-06 00:00	06-Dec-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	06-Dec-06	06-Dec-06	6120397	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.2	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	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	82.4	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	82.4	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	82.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	82.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-13 2'-4' SA55134-11	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	8.2	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120552	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	82.4	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	82.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	165	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*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	19.8	1	+CT ETPH	08-Dec-06	11-Dec-06	6120538	JD
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-13 2'-4' SA55134-11	171-305	Soil	05-Dec-06 00:00	06-Dec-06

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3550B

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	491	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	491	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	491	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	491	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	491	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	491	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	491	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	491	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	491	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	491	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	491	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	491	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	491	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	491	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	491	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	491	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	491	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	491	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	491	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	491	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	491	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	491	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	491	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	491	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	491	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	491	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	491	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	491	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	491	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	491	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	491	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	491	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	491	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	491	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	491	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	491	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	491	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	491	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	491	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	491	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	491	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	491	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	491	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	491	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	491	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
569-13 2'-4' SA55134-11	171-305	Soil	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	491	1	SW846 8270C	07-Dec-06	10-Dec-06	6120412	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	491	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61.3*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57.7*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*44.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64.7*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0384	1	SW846 7471A	08-Dec-06	11-Dec-06	6120419	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	3.15	1	EPA 200.7	07-Dec-06	11-Dec-06	6120418	LR
7440-38-2	Arsenic	4.50		mg/kg dry	1.89	1	"	"	"	"	"
7440-39-3	Barium	37.5		mg/kg dry	0.630	1	"	"	"	"	"
7440-43-9	Cadmium	1.07		mg/kg dry	0.315	1	"	"	"	"	"
7440-47-3	Chromium	15.2		mg/kg dry	0.630	1	"	"	"	"	"
7439-92-1	Lead	12.6		mg/kg dry	0.945	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.89	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	08-Dec-06	08-Dec-06	6120608	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	11-Dec-06	11-Dec-06	6120683	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0220		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	"	12-Dec-06	6120684	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	11-Dec-06	6120683	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.6		%		1	SM2540 G Mod.	09-Dec-06	09-Dec-06	6120638	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	05-Dec-06	05-Dec-06	6120306	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	6.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	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	67.1	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	33.6	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	67.1	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	67.1	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	67.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 2'-4' SA55069-04	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	SW 846 8260B	07-Dec-06	08-Dec-06	6120689	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	67.1	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	67.1	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	134	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	19.9	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 2'-4' SA55069-04	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	495	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	495	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	495	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	495	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	495	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	495	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	495	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	495	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	495	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	495	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	495	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	495	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	495	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	495	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	495	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	495	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	495	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	495	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	495	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	495	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	495	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	495	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	495	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	495	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	495	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	495	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	495	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	495	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	495	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	495	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	495	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	495	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	495	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	495	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	495	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	495	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	495	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	495	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	495	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	495	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	495	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	495	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	495	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	495	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	495	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 2'-4' SA55069-04	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	495	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	495	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*78.4*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*66.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61.6*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*101*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*93.2*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0331	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.13	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	1.81		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	37.8		mg/kg dry	0.567	1	"	"	"	"	"
7440-43-9	Cadmium	0.295		mg/kg dry	0.284	1	"	"	"	"	"
7440-47-3	Chromium	11.7		mg/kg dry	0.567	1	"	"	"	"	"
7439-92-1	Lead	7.43		mg/kg dry	0.851	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.70	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0140		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.7		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 4'-8' SA55069-05	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	153	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	15.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 4'-8' SA55069-05	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	153	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*116*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	21.0	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	21.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	21.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	21.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	21.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	21.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	21.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*49.8*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 4'-8'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	522	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	522	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	522	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	522	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	522	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	522	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	522	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	522	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	522	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	522	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	522	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	522	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	522	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	522	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	522	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	522	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	522	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	522	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	522	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	522	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	522	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	522	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	522	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	522	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	522	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	522	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	522	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	522	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	522	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	522	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	522	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	522	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	522	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	522	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	522	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	522	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	522	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	522	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	522	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	522	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	522	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	522	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	522	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	522	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	522	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-14 4'-8' SA55069-05	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	522	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	522	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*88.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*79.5*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69.8*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*68.5*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*83.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*98.7*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0366	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.24	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.86	1	"	"	"	"	"
7440-39-3	Barium	43.8		mg/kg dry	0.621	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.310	1	"	"	"	"	"
7440-47-3	Chromium	12.3		mg/kg dry	0.621	1	"	"	"	"	"
7439-92-1	Lead	4.79		mg/kg dry	0.931	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.86	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0226		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.7		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-15 2'-4' SA55069-06	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	7.2	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	143	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	14.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.7	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-15 2'-4' SA55069-06	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	143	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*110*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*115*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	19.1	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	19.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	19.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	19.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*65.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-15 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	470	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	470	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	470	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	470	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	470	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	470	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	470	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	470	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	470	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	470	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	470	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	470	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	470	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	470	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	470	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	470	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	470	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	470	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	470	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	470	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	470	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	470	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	470	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	470	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	470	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	470	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	470	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	470	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	470	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	470	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	470	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	470	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	470	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	470	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	470	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	470	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	470	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	470	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	470	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	470	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	470	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	470	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	470	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	470	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	470	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-15 2'-4' SA55069-06	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	470	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	470	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*91.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*83.3*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*71.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*72.8*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*86.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*106*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0350	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.15	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	2.34		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	63.1		mg/kg dry	0.574	1	"	"	"	"	"
7440-43-9	Cadmium	0.436		mg/kg dry	0.287	1	"	"	"	"	"
7440-47-3	Chromium	21.3		mg/kg dry	0.574	1	"	"	"	"	"
7439-92-1	Lead	7.26		mg/kg dry	0.861	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.72	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0178		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.5		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 2'-4' SA55069-07	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	5.4	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	107	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	53.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	26.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	10.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	10.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	53.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	53.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	53.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 2'-4' SA55069-07	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	10.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	53.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	53.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	107	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*122*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	15.9	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	15.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	15.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	15.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	15.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	15.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	15.9	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	15.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	15.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	15.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*62.3*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-07				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	395	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	395	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	395	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	395	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	395	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	395	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	395	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	395	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	395	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	395	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	395	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	395	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	395	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	395	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	395	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	395	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	395	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	395	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	395	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	395	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	395	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	395	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	395	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	395	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	395	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	395	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	395	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	395	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	395	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	395	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	395	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	395	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	395	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	395	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	395	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	395	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	395	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	395	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	395	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	395	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	395	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	395	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	395	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	395	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	395	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
569-16 2'-4' SA55069-07	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	395	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	395	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*85.2*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*75.4*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*55.6*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*93.2*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*96.7*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0311	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	0.972	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.46	1	"	"	"	"	"
7440-39-3	Barium	30.2		mg/kg dry	0.486	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.243	1	"	"	"	"	"
7440-47-3	Chromium	7.20		mg/kg dry	0.486	1	"	"	"	"	"
7439-92-1	Lead	4.65		mg/kg dry	0.729	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.46	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	95.0		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 4'-8' SA55069-08	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	131	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	13.1	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	65.3	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	13.1	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.1	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	13.1	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	13.1	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	65.3	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	65.3	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	65.3	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 4'-8' SA55069-08	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	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	13.1	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	65.3	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	65.3	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	131	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	20.8	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	20.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	20.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	20.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	20.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	20.8	1	"	"	"	"	"
	Unidentified	69.5		mg/kg dry	20.8	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	20.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	69.5		mg/kg dry	20.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	69.5		mg/kg dry	20.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66.9*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 4'-8'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	967	5	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	967	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	967	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	967	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	967	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	967	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	967	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	967	5	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	967	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	967	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	967	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	967	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	967	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	967	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	967	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	967	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	967	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	967	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	967	5	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	967	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	967	5	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	967	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	967	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	967	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	967	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	967	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	967	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	967	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	967	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	967	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	967	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	967	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	967	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	967	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	967	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	967	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	967	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	967	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	967	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	967	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	967	5	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	967	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	967	5	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	967	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	967	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
569-16 4'-8' SA55069-08	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	967	5	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	967	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*84.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*100*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*66.2*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*110*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*97.5*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*84.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0326	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.07	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.60	1	"	"	"	"	"
7440-39-3	Barium	26.5		mg/kg dry	0.534	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.267	1	"	"	"	"	"
7440-47-3	Chromium	6.90		mg/kg dry	0.534	1	"	"	"	"	"
7439-92-1	Lead	3.97		mg/kg dry	0.802	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.60	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0059		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	87.0		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-17 4'-8' SA55069-09	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	154	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	15.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	77.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-17 4'-8' SA55069-09	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	77.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	154	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*111*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	23.5	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	23.5	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	23.5	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	23.5	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	23.5	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	23.5	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	23.5	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	23.5	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	23.5	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	23.5	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*82.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-17 4'-8'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	583	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	583	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	583	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	583	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	583	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	583	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	583	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	583	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	583	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	583	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	583	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	583	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	583	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	583	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	583	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	583	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	583	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	583	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	583	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	583	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	583	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	583	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	583	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	583	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	583	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	583	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	583	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	583	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	583	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	583	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	583	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	583	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	583	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	583	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	583	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	583	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	583	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	583	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	583	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	583	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	583	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	583	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	583	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	583	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	583	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
569-17 4'-8' SA55069-09	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	583	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	583	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*90.7*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*80.1*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*66.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.7*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*96.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*95.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0375	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.19	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	2.03		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	88.9		mg/kg dry	0.593	1	"	"	"	"	"
7440-43-9	Cadmium	0.534		mg/kg dry	0.297	1	"	"	"	"	"
7440-47-3	Chromium	22.6		mg/kg dry	0.593	1	"	"	"	"	"
7439-92-1	Lead	8.06		mg/kg dry	0.890	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.78	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0172		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0034		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	0.133		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	75.9		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-18 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-10				

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	05-Dec-06	05-Dec-06	6120306	BD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichloretrifluoroethane (Frec 113)	BRL		µg/kg dry	9.3	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	185	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	18.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	92.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	46.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	18.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	18.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	18.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	18.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	92.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
99-87-6	4-isopropyltoluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	92.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	92.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-18 2'-4' SA55069-10	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	9.3	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	18.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	9.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	92.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	92.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	185	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	27.4	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	27.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	27.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	27.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	27.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	27.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	27.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*72.0*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-18 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-10				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	679	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	679	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	679	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	679	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	679	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	679	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	679	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	679	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	679	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	679	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	679	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	679	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	679	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	679	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	679	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	679	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	679	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	679	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	679	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	679	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	679	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	679	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	679	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	679	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	679	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	679	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	679	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	679	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	679	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	679	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	679	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	679	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	679	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	679	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
569-18 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-10				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	679	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	679	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89.9*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*79.0*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.4*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.0*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*101*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*94.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0454		mg/kg dry	0.0408	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.27	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.90	1	"	"	"	"	"
7440-39-3	Barium	74.0		mg/kg dry	0.634	1	"	"	"	"	"
7440-43-9	Cadmium	0.380		mg/kg dry	0.317	1	"	"	"	"	"
7440-47-3	Chromium	13.0		mg/kg dry	0.634	1	"	"	"	"	"
7439-92-1	Lead	13.6		mg/kg dry	0.950	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.90	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0077		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	70.3		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-19 2'-4' SA55069-11	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	6.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	132	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	13.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.0	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	33.0	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	13.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.2	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	13.2	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	BRL		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	BRL		µg/kg dry	6.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12	BRL		µg/kg dry	13.2	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	66.0	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	66.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	66.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-19 2'-4' SA55069-11	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
91-20-3	Naphthalene	BRL		µg/kg dry	6.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	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	13.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	66.0	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	66.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	132	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*109*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.2*		*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/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	17.7	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*105*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-19 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	439	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	439	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	439	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	439	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	439	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	439	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	439	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	439	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	439	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	439	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	439	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	439	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	439	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	439	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	439	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	439	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	439	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	439	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	439	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	439	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	439	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	439	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	439	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	439	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	439	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	439	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	439	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	439	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	439	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	439	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	439	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	439	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-19 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-11				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	439	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	439	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*90.5*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*80.4*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*69.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*68.2*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*88.0*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*103*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0339	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.18	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	BRL		mg/kg dry	1.76	1	"	"	"	"	"
7440-39-3	Barium	41.0		mg/kg dry	0.588	1	"	"	"	"	"
7440-43-9	Cadmium	0.294		mg/kg dry	0.294	1	"	"	"	"	"
7440-47-3	Chromium	12.7		mg/kg dry	0.588	1	"	"	"	"	"
7439-92-1	Lead	6.28		mg/kg dry	0.882	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.76	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	0.0118		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.6		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-20 2'-4' SA55069-12	171-305	Soil	04-Dec-06 00:00	05-Dec-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	05-Dec-06	05-Dec-06	6120306	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	7.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
67-64-1	Acetone	BRL		µg/kg dry	152	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.1	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.2	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.2	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-20 2'-4'	171-305	Soil	04-Dec-06 00:00	05-Dec-06
SA55069-12				

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	7.6	1	SW 846 8260B	07-Dec-06	09-Dec-06	6120481	RLJ
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.6	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.6	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.6	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.2	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.6	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.6	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	152	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*108*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*117*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B/3510C											
8006-61-9	Gasoline	BRL		mg/kg dry	17.2	1	+CT ETPH	06-Dec-06	07-Dec-06	6120320	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	17.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	17.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	17.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*80.6*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-20 2'-4' SA55069-12	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	428	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	428	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	428	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	428	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	428	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	428	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	428	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	428	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	428	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	428	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	428	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	428	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	428	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	428	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	428	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	428	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	428	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	428	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	428	1	"	"	"	"	"
208-96-8	Acenaphthylene	BRL		µg/kg dry	428	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	428	1	"	"	"	"	"
83-32-9	Acenaphthene	BRL		µg/kg dry	428	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	428	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	428	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	428	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	428	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	428	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	428	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	428	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	428	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	428	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	428	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	428	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	428	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	428	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	428	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	428	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	428	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	428	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	428	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	428	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	428	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	428	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	428	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	428	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
569-20 2'-4' SA55069-12	171-305	Soil	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3550B											
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	428	1	SW846 8270C	06-Dec-06	08-Dec-06	6120317	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	428	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*89.8*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*78.0*		*30-130 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*65.7*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62.7*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*93.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*96.8*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0506		mg/kg dry	0.0349	1	SW846 7471A	07-Dec-06	08-Dec-06	6120270	YP
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.24	1	EPA 200.7	07-Dec-06	08-Dec-06	6120269	LR
7440-38-2	Arsenic	55.0		mg/kg dry	1.86	1	"	"	"	"	"
7440-39-3	Barium	45.2		mg/kg dry	0.619	1	"	"	"	"	"
7440-43-9	Cadmium	2.59		mg/kg dry	0.310	1	"	"	"	"	"
7440-47-3	Chromium	22.4		mg/kg dry	0.619	1	"	"	"	"	"
7439-92-1	Lead	17.2		mg/kg dry	0.929	1	"	"	11-Dec-06	"	"
7782-49-2	Selenium	2.48		mg/kg dry	1.86	1	"	"	08-Dec-06	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	07-Dec-06	07-Dec-06	6120519	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	08-Dec-06	10-Dec-06	6120579	LR
7440-38-2	Arsenic	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	11-Dec-06	6120581	YP
7439-92-1	Lead	BRL		mg/l	0.0075	1	SW846 1312/6010B	"	10-Dec-06	6120579	LR
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	78.9		%		1	SM2540 G Mod.	07-Dec-06	07-Dec-06	6120482	QP

APPENDIX D
Groundwater Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 GW SA55134-12	171-305	Ground Water	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	11-Dec-06	11-Dec-06	6120749	jro
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	9.8		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	10.9		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
569-1 GW SA55134-12	171-305	Ground Water	05-Dec-06 00:00	06-Dec-06

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	11-Dec-06	11-Dec-06	6120749	jro
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*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*83.3*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*91.3*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	08-Dec-06	11-Dec-06	6120531	JD
68476-30-2	Fuel Oil #2	BRL		mg/l	0.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*87.1*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.667	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 GW	171-305	Ground Water	05-Dec-06 00:00	06-Dec-06
SA55134-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	0.667	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	0.667	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	0.667	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	0.667	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.667	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.667	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.667	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.667	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.667	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	0.667	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	0.667	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	0.667	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	0.667	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	0.667	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	0.667	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	0.667	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	0.667	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	0.667	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.667	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.667	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	0.667	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.667	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.667	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.667	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	0.667	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	0.667	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	0.667	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	0.667	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.667	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.667	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	0.667	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.667	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	0.667	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	0.667	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.667	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	0.667	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.667	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.667	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	0.667	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	0.667	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	0.667	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	0.667	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	0.667	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	0.667	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.667	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-1 GW SA55134-12	171-305	Ground Water	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	0.667	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*53.1*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*55.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*54.7*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*53.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55.2*		*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	"	13-Dec-06	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	0.080		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	0.093		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	0.067		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*41.1*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*47.5*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL	QR1	mg/l	0.0250	5	SW846 6010B	08-Dec-06	12-Dec-06	6120420	LR
7440-38-2	Arsenic	0.0388		mg/l	0.0040	1	"	"	10-Dec-06	"	"
7440-39-3	Barium	1.84		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	0.0108		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.222		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.123		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	0.0196		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	08-Dec-06	08-Dec-06	6120460	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 GW SA55069-13	171-305	Ground Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 GW SA55069-13	171-305	Ground Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.8*		*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	06-Dec-06	07-Dec-06	6120313	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*	*98.7*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	13.3	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 GW	171-305	Ground Water	04-Dec-06 00:00	05-Dec-06
SA55069-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	13.3	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B
120-12-7	Anthracene	BRL		µg/l	13.3	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	13.3	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	13.3	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	13.3	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	13.3	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	13.3	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	13.3	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	13.3	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	13.3	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	13.3	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	13.3	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	13.3	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	13.3	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	13.3	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	13.3	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	13.3	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	13.3	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	13.3	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	13.3	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	13.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	13.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	13.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	13.3	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	13.3	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	13.3	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	13.3	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	13.3	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	13.3	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	13.3	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	13.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	13.3	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	13.3	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	13.3	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	13.3	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	13.3	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	13.3	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	13.3	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	13.3	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	13.3	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	13.3	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	13.3	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	13.3	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	13.3	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	13.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
569-16 GW SA55069-13	171-305	Ground Water	04-Dec-06 00:00	05-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	13.3	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57.6*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*59.2*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58.0*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56.8*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68.3*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58.6*		*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	"	08-Dec-06	"	"
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*	*49.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68.9*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	06-Dec-06	07-Dec-06	6120336	HB
7440-38-2	Arsenic	0.0069		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.424		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	0.0446		mg/l	0.0050	1	"	"	"	"	"
7439-92-1	Lead	0.0264		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	06-Dec-06	07-Dec-06	6120337	YP

APPENDIX E
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55069-14	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55069-14	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.2*		*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	06-Dec-06	07-Dec-06	6120313	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*	*81.5*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	10.5	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55069-14	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
208-96-8	Acenaphthylene	BRL		µg/l	10.5	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B
120-12-7	Anthracene	BRL		µg/l	10.5	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	10.5	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	10.5	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	10.5	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	10.5	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	10.5	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	10.5	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	10.5	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	10.5	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	10.5	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	10.5	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	10.5	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	10.5	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	10.5	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	10.5	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	10.5	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	10.5	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	10.5	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	10.5	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	10.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.5	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	10.5	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	10.5	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	10.5	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	10.5	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	10.5	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	10.5	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	10.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	10.5	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	10.5	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	10.5	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	10.5	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	10.5	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	10.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	10.5	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	10.5	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	10.5	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	10.5	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	10.5	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	10.5	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	10.5	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	10.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA55069-14	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	10.5	1	SW846 8270C	05-Dec-06	09-Dec-06	6120258	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67.0*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*64.6*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63.9*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71.7*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67.0*		*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	"	08-Dec-06	"	"
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*	*47.5*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*91.4*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	06-Dec-06	07-Dec-06	6120336	HB
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	06-Dec-06	07-Dec-06	6120337	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55069-15	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SA55069-15	171-305	Blank Water	04-Dec-06 00:00	05-Dec-06

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	08-Dec-06	08-Dec-06	6120587	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*	*99.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*97.2*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Blank (6120481-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Blank (6120481-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
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	*56.1*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (6120481-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/kg wet		20.0		90.5	70-130		
Acetone	8.6		µg/kg wet		20.0		43.0	3.31-159		
Acrylonitrile	15.1		µg/kg wet		20.0		75.5	70-130		
Benzene	17.5		µg/kg wet		20.0		87.5	70-130		
Bromobenzene	20.3		µg/kg wet		20.0		102	70-130		
Bromochloromethane	19.6		µg/kg wet		20.0		98.0	70-130		
Bromodichloromethane	17.9		µg/kg wet		20.0		89.5	70-130		
Bromoform	20.2		µg/kg wet		20.0		101	70-130		
Bromomethane	16.8		µg/kg wet		20.0		84.0	50-140		
2-Butanone (MEK)	11.5		µg/kg wet		20.0		57.5	47.7-127		
n-Butylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Carbon disulfide	16.3		µg/kg wet		20.0		81.5	70-130		
Carbon tetrachloride	17.6		µg/kg wet		20.0		88.0	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89.0	55.9-135		
Chloroform	16.2		µg/kg wet		20.0		81.0	70-130		
Chloromethane	14.0		µg/kg wet		20.0		70.0	70-130		
2-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90.0	70-130		
Dibromochloromethane	19.0		µg/kg wet		20.0		95.0	72-125		
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95.0	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
LCS (6120481-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Dichlorodifluoromethane (Freon12)	15.3		µg/kg wet		20.0		76.5	42.3-190		
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82.0	70-130		
1,2-Dichloroethane	15.9		µg/kg wet		20.0		79.5	70-130		
1,1-Dichloroethene	16.6		µg/kg wet		20.0		83.0	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130		
1,2-Dichloropropane	18.3		µg/kg wet		20.0		91.5	70-130		
1,3-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130		
2,2-Dichloropropane	17.1		µg/kg wet		20.0		85.5	70-130		
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130		
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96.5	70-130		
trans-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99.5	70-130		
Ethylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
Hexachlorobutadiene	18.7		µg/kg wet		20.0		93.5	70-137		
2-Hexanone (MBK)	12.6	QC1	µg/kg wet		20.0		63.0	70-130		
Isopropylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		95.5	70-130		
Methyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
4-Methyl-2-pentanone (MIBK)	15.2		µg/kg wet		20.0		76.0	48.5-127		
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130		
Naphthalene	22.6		µg/kg wet		20.0		113	70-130		
n-Propylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Styrene	19.6		µg/kg wet		20.0		98.0	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130		
Tetrachloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
Toluene	17.0		µg/kg wet		20.0		85.0	70-130		
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
1,2,4-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		85.5	70-130		
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97.0	70-130		
Trichloroethene	17.2		µg/kg wet		20.0		86.0	70-130		
Trichlorofluoromethane (Freon 11)	16.3		µg/kg wet		20.0		81.5	66.5-144		
1,2,3-Trichloropropane	22.3		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Vinyl chloride	16.5		µg/kg wet		20.0		82.5	70-130		
m,p-Xylene	39.9		µg/kg wet		40.0		99.8	70-130		
o-Xylene	21.9		µg/kg wet		20.0		110	70-130		
Tetrahydrofuran	15.2		µg/kg wet		20.0		76.0	70-130		
Ethyl ether	18.2		µg/kg wet		20.0		91.0	64.9-123		
Tert-amyl methyl ether	17.2		µg/kg wet		20.0		86.0	70-130		
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90.0	70-130		
Di-isopropyl ether	14.6		µg/kg wet		20.0		73.0	70-130		
Tert-Butanol / butyl alcohol	143		µg/kg wet		200		71.5	70-130		
1,4-Dioxane	190		µg/kg wet		200		95.0	40-134		
Surrogate: 4-Bromofluorobenzene	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/kg wet		*50.0*		*96.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
LCS Dup (6120481-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		94.5	70-130	4.32	25
Acetone	8.2		µg/kg wet		20.0		41.0	3.31-159	4.76	50
Acrylonitrile	15.8		µg/kg wet		20.0		79.0	70-130	4.53	25
Benzene	18.6		µg/kg wet		20.0		93.0	70-130	6.09	25
Bromobenzene	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Bromochloromethane	18.2		µg/kg wet		20.0		91.0	70-130	7.41	25
Bromodichloromethane	18.2		µg/kg wet		20.0		91.0	70-130	1.66	25
Bromoform	20.0		µg/kg wet		20.0		100	70-130	0.995	25
Bromomethane	15.6		µg/kg wet		20.0		78.0	50-140	7.41	50
2-Butanone (MEK)	12.4		µg/kg wet		20.0		62.0	47.7-127	7.53	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	4.75	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	1.94	25
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	0.930	25
Carbon disulfide	17.0		µg/kg wet		20.0		85.0	70-130	4.20	25
Carbon tetrachloride	17.4		µg/kg wet		20.0		87.0	70-130	1.14	25
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130	4.08	25
Chloroethane	17.9		µg/kg wet		20.0		89.5	55.9-135	0.560	50
Chloroform	16.8		µg/kg wet		20.0		84.0	70-130	3.64	25
Chloromethane	14.1		µg/kg wet		20.0		70.5	70-130	0.712	25
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	1.90	25
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130	1.94	25
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81.0	70-130	10.5	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94.0	72-125	1.06	50
1,2-Dibromoethane (EDB)	19.7		µg/kg wet		20.0		98.5	70-130	3.62	25
Dibromomethane	18.0		µg/kg wet		20.0		90.0	70-130	3.28	25
1,2-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	0.00	25
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3.96	25
Dichlorodifluoromethane (Freon12)	18.7		µg/kg wet		20.0		93.5	42.3-190	20.0	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86.0	70-130	4.76	25
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	1.25	25
1,1-Dichloroethene	16.2		µg/kg wet		20.0		81.0	70-130	2.44	25
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94.5	70-130	3.64	25
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91.0	70-130	1.63	25
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130	0.545	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	10.7	25
2,2-Dichloropropane	17.4		µg/kg wet		20.0		87.0	70-130	1.74	25
1,1-Dichloropropene	18.1		µg/kg wet		20.0		90.5	70-130	0.551	25
cis-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	3.56	25
trans-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	0.501	25
Ethylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	2.07	25
Hexachlorobutadiene	19.5		µg/kg wet		20.0		97.5	70-137	4.19	50
2-Hexanone (MBK)	14.8		µg/kg wet		20.0		74.0	70-130	16.1	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	1.56	25
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130	4.60	25
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90.5	70-130	2.23	25
4-Methyl-2-pentanone (MIBK)	19.5		µg/kg wet		20.0		97.5	48.5-127	24.8	50
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130	0.00	25
Naphthalene	20.8		µg/kg wet		20.0		104	70-130	8.29	25
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Styrene	20.5		µg/kg wet		20.0		102	70-130	4.00	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	1.89	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92.5	70-130	3.86	25
Toluene	18.8		µg/kg wet		20.0		94.0	70-130	10.1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
LCS Dup (6120481-BSD1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130	9.71	25
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	1.94	25
1,1,1-Trichloroethane	17.3		µg/kg wet		20.0		86.5	70-130	1.16	25
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	4.04	25
Trichloroethene	17.8		µg/kg wet		20.0		89.0	70-130	3.43	25
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85.0	66.5-144	4.20	50
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130	0.897	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	0.966	25
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Vinyl chloride	17.9		µg/kg wet		20.0		89.5	70-130	8.14	25
m,p-Xylene	39.9		µg/kg wet		40.0		99.8	70-130	0.00	25
o-Xylene	20.5		µg/kg wet		20.0		102	70-130	7.55	25
Tetrahydrofuran	15.2		µg/kg wet		20.0		76.0	70-130	0.00	25
Ethyl ether	17.9		µg/kg wet		20.0		89.5	64.9-123	1.66	50
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130	16.0	25
Ethyl tert-butyl ether	18.3		µg/kg wet		20.0		91.5	70-130	1.65	25
Di-isopropyl ether	15.2		µg/kg wet		20.0		76.0	70-130	4.03	25
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77.5	70-130	8.05	25
1,4-Dioxane	216		µg/kg wet		200		108	40-134	12.8	25
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Batch 6120587 - SW846 5030 Water MS										
Blank (6120587-BLK1)										
Prepared & Analyzed: 08-Dec-06										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120587 - SW846 5030 Water MS										
Blank (6120587-BLK1)										
Prepared & Analyzed: 08-Dec-06										
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	5.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	10.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/l		*50.0*		*97.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
LCS (6120587-BS1)										
Prepared & Analyzed: 08-Dec-06										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120587 - SW846 5030 Water MS										
LCS (6120587-BS1)										
Prepared & Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	15.1		µg/l		20.0		75.5	70-130		
Acetone	18.7		µg/l		20.0		93.5	29.5-156		
Acrylonitrile	20.8		µg/l		20.0		104	70-130		
Benzene	20.2		µg/l		20.0		101	70-130		
Bromobenzene	21.8		µg/l		20.0		109	70-130		
Bromochloromethane	20.9		µg/l		20.0		104	70-130		
Bromodichloromethane	20.3		µg/l		20.0		102	70-130		
Bromoform	18.9		µg/l		20.0		94.5	70-130		
Bromomethane	19.0		µg/l		20.0		95.0	57.7-151		
2-Butanone (MEK)	21.5		µg/l		20.0		108	48.9-134		
n-Butylbenzene	19.2		µg/l		20.0		96.0	70-130		
sec-Butylbenzene	20.7		µg/l		20.0		104	70-130		
tert-Butylbenzene	20.4		µg/l		20.0		102	70-130		
Carbon disulfide	17.2		µg/l		20.0		86.0	70-130		
Carbon tetrachloride	14.9		µg/l		20.0		74.5	70-130		
Chlorobenzene	21.5		µg/l		20.0		108	70-130		
Chloroethane	16.8		µg/l		20.0		84.0	56.9-145		
Chloroform	20.2		µg/l		20.0		101	70-130		
Chloromethane	17.7		µg/l		20.0		88.5	70-130		
2-Chlorotoluene	21.6		µg/l		20.0		108	70-130		
4-Chlorotoluene	21.1		µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	19.9		µg/l		20.0		99.5	70-130		
Dibromochloromethane	22.0		µg/l		20.0		110	61.5-142		
1,2-Dibromoethane (EDB)	21.9		µg/l		20.0		110	70-130		
Dibromomethane	21.3		µg/l		20.0		106	70-130		
1,2-Dichlorobenzene	21.9		µg/l		20.0		110	70-130		
1,3-Dichlorobenzene	22.5		µg/l		20.0		112	70-130		
1,4-Dichlorobenzene	21.2		µg/l		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	12.9		µg/l		20.0		64.5	36.6-187		
1,1-Dichloroethane	19.7		µg/l		20.0		98.5	70-130		
1,2-Dichloroethane	20.0		µg/l		20.0		100	70-130		
1,1-Dichloroethene	16.6		µg/l		20.0		83.0	70-130		
cis-1,2-Dichloroethene	21.0		µg/l		20.0		105	70-130		
trans-1,2-Dichloroethene	18.7		µg/l		20.0		93.5	70-130		
1,2-Dichloropropane	20.7		µg/l		20.0		104	70-130		
1,3-Dichloropropane	21.3		µg/l		20.0		106	70-130		
2,2-Dichloropropane	16.0		µg/l		20.0		80.0	70-130		
1,1-Dichloropropene	17.5		µg/l		20.0		87.5	70-130		
cis-1,3-Dichloropropene	20.0		µg/l		20.0		100	70-130		
trans-1,3-Dichloropropene	19.9		µg/l		20.0		99.5	70-130		
Ethylbenzene	21.0		µg/l		20.0		105	70-130		
Hexachlorobutadiene	19.8		µg/l		20.0		99.0	68.7-142		
2-Hexanone (MBK)	24.9		µg/l		20.0		124	56.3-131		
Isopropylbenzene	19.6		µg/l		20.0		98.0	70-130		
4-Isopropyltoluene	21.0		µg/l		20.0		105	70-130		
Methyl tert-butyl ether	21.0		µg/l		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	23.6		µg/l		20.0		118	55.2-129		
Methylene chloride	19.8		µg/l		20.0		99.0	70-130		
Naphthalene	22.5		µg/l		20.0		112	70-130		
n-Propylbenzene	20.4		µg/l		20.0		102	70-130		
Styrene	22.1		µg/l		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	19.8		µg/l		20.0		99.0	70-130		
1,1,2,2-Tetrachloroethane	23.7		µg/l		20.0		118	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120587 - SW846 5030 Water MS										
LCS (6120587-BS1)										
Prepared & Analyzed: 08-Dec-06										
Tetrachloroethene	18.4		µg/l		20.0		92.0	70-130		
Toluene	19.7		µg/l		20.0		98.5	70-130		
1,2,3-Trichlorobenzene	21.9		µg/l		20.0		110	70-130		
1,2,4-Trichlorobenzene	20.5		µg/l		20.0		102	70-130		
1,1,1-Trichloroethane	16.8		µg/l		20.0		84.0	70-130		
1,1,2-Trichloroethane	20.3		µg/l		20.0		102	70-130		
Trichloroethene	18.9		µg/l		20.0		94.5	70-130		
Trichlorofluoromethane (Freon 11)	14.9		µg/l		20.0		74.5	68-148		
1,2,3-Trichloropropane	25.4		µg/l		20.0		127	70-130		
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	70-130		
1,3,5-Trimethylbenzene	21.7		µg/l		20.0		108	70-130		
Vinyl chloride	16.1		µg/l		20.0		80.5	70-130		
m,p-Xylene	43.4		µg/l		40.0		108	70-130		
o-Xylene	21.8		µg/l		20.0		109	70-130		
Tetrahydrofuran	22.0		µg/l		20.0		110	70-130		
Ethyl ether	19.3		µg/l		20.0		96.5	57.6-132		
Tert-amyl methyl ether	19.8		µg/l		20.0		99.0	70-130		
Ethyl tert-butyl ether	21.2		µg/l		20.0		106	70-130		
Di-isopropyl ether	20.1		µg/l		20.0		100	70-130		
Tert-Butanol / butyl alcohol	219		µg/l		200		110	70-130		
1,4-Dioxane	209		µg/l		200		104	45.2-132		
Surrogate: 4-Bromofluorobenzene	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
LCS Dup (6120587-BSD1)										
Prepared & Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.7	QC1	µg/l		20.0		68.5	70-130	9.72	25
Acetone	19.3		µg/l		20.0		96.5	29.5-156	3.16	50
Acrylonitrile	20.3		µg/l		20.0		102	70-130	1.94	25
Benzene	18.9		µg/l		20.0		94.5	70-130	6.65	25
Bromobenzene	20.6		µg/l		20.0		103	70-130	5.66	25
Bromochloromethane	19.8		µg/l		20.0		99.0	70-130	4.93	25
Bromodichloromethane	19.7		µg/l		20.0		98.5	70-130	3.49	25
Bromoform	18.5		µg/l		20.0		92.5	70-130	2.14	25
Bromomethane	18.2		µg/l		20.0		91.0	57.7-151	4.30	50
2-Butanone (MEK)	20.1		µg/l		20.0		100	48.9-134	7.69	50
n-Butylbenzene	17.6		µg/l		20.0		88.0	70-130	8.70	25
sec-Butylbenzene	19.1		µg/l		20.0		95.5	70-130	8.52	25
tert-Butylbenzene	19.1		µg/l		20.0		95.5	70-130	6.58	25
Carbon disulfide	15.8		µg/l		20.0		79.0	70-130	8.48	25
Carbon tetrachloride	13.6	QC1	µg/l		20.0		68.0	70-130	9.12	25
Chlorobenzene	20.5		µg/l		20.0		102	70-130	5.71	25
Chloroethane	15.8		µg/l		20.0		79.0	56.9-145	6.13	50
Chloroform	19.3		µg/l		20.0		96.5	70-130	4.56	25
Chloromethane	16.6		µg/l		20.0		83.0	70-130	6.41	25
2-Chlorotoluene	20.0		µg/l		20.0		100	70-130	7.69	25
4-Chlorotoluene	20.0		µg/l		20.0		100	70-130	5.83	25
1,2-Dibromo-3-chloropropane	19.4		µg/l		20.0		97.0	70-130	2.54	25
Dibromochloromethane	21.5		µg/l		20.0		108	61.5-142	1.83	50
1,2-Dibromoethane (EDB)	21.3		µg/l		20.0		106	70-130	3.70	25
Dibromomethane	20.6		µg/l		20.0		103	70-130	2.87	25
1,2-Dichlorobenzene	20.8		µg/l		20.0		104	70-130	5.61	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120587 - SW846 5030 Water MS										
LCS Dup (6120587-BSD1)										
Prepared & Analyzed: 08-Dec-06										
1,3-Dichlorobenzene	21.1		µg/l		20.0		106	70-130	5.50	25
1,4-Dichlorobenzene	19.9		µg/l		20.0		99.5	70-130	6.33	25
Dichlorodifluoromethane (Freon12)	11.7		µg/l		20.0		58.5	36.6-187	9.76	50
1,1-Dichloroethane	18.7		µg/l		20.0		93.5	70-130	5.21	25
1,2-Dichloroethane	19.4		µg/l		20.0		97.0	70-130	3.05	25
1,1-Dichloroethene	15.1		µg/l		20.0		75.5	70-130	9.46	25
cis-1,2-Dichloroethene	19.6		µg/l		20.0		98.0	70-130	6.90	25
trans-1,2-Dichloroethene	17.2		µg/l		20.0		86.0	70-130	8.36	25
1,2-Dichloropropane	20.0		µg/l		20.0		100	70-130	3.92	25
1,3-Dichloropropane	21.1		µg/l		20.0		106	70-130	0.00	25
2,2-Dichloropropane	14.6		µg/l		20.0		73.0	70-130	9.15	25
1,1-Dichloropropene	16.0		µg/l		20.0		80.0	70-130	8.96	25
cis-1,3-Dichloropropene	19.3		µg/l		20.0		96.5	70-130	3.56	25
trans-1,3-Dichloropropene	19.2		µg/l		20.0		96.0	70-130	3.58	25
Ethylbenzene	19.9		µg/l		20.0		99.5	70-130	5.38	25
Hexachlorobutadiene	17.7		µg/l		20.0		88.5	68.7-142	11.2	50
2-Hexanone (MBK)	23.9		µg/l		20.0		120	56.3-131	3.28	25
Isopropylbenzene	18.4		µg/l		20.0		92.0	70-130	6.32	25
4-Isopropyltoluene	19.5		µg/l		20.0		97.5	70-130	7.41	25
Methyl tert-butyl ether	20.4		µg/l		20.0		102	70-130	2.90	25
4-Methyl-2-pentanone (MIBK)	22.3		µg/l		20.0		112	55.2-129	5.22	50
Methylene chloride	19.0		µg/l		20.0		95.0	70-130	4.12	25
Naphthalene	20.2		µg/l		20.0		101	70-130	10.3	25
n-Propylbenzene	18.9		µg/l		20.0		94.5	70-130	7.63	25
Styrene	20.9		µg/l		20.0		104	70-130	5.61	25
1,1,1,2-Tetrachloroethane	18.8		µg/l		20.0		94.0	70-130	5.18	25
1,1,2,2-Tetrachloroethane	22.9		µg/l		20.0		114	70-130	3.45	25
Tetrachloroethene	16.9		µg/l		20.0		84.5	70-130	8.50	25
Toluene	18.5		µg/l		20.0		92.5	70-130	6.28	25
1,2,3-Trichlorobenzene	19.2		µg/l		20.0		96.0	70-130	13.6	25
1,2,4-Trichlorobenzene	18.4		µg/l		20.0		92.0	70-130	10.3	25
1,1,1-Trichloroethane	15.8		µg/l		20.0		79.0	70-130	6.13	25
1,1,2-Trichloroethane	19.6		µg/l		20.0		98.0	70-130	4.00	25
Trichloroethene	17.7		µg/l		20.0		88.5	70-130	6.56	25
Trichlorofluoromethane (Freon 11)	13.6		µg/l		20.0		68.0	68-148	9.12	50
1,2,3-Trichloropropane	25.2		µg/l		20.0		126	70-130	0.791	25
1,2,4-Trimethylbenzene	21.5		µg/l		20.0		108	70-130	6.28	25
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	70-130	5.71	25
Vinyl chloride	15.0		µg/l		20.0		75.0	70-130	7.07	25
m,p-Xylene	40.6		µg/l		40.0		102	70-130	5.71	25
o-Xylene	20.8		µg/l		20.0		104	70-130	4.69	25
Tetrahydrofuran	20.7		µg/l		20.0		104	70-130	5.61	25
Ethyl ether	18.8		µg/l		20.0		94.0	57.6-132	2.62	50
Tert-amyl methyl ether	19.2		µg/l		20.0		96.0	70-130	3.08	25
Ethyl tert-butyl ether	20.5		µg/l		20.0		102	70-130	3.85	25
Di-isopropyl ether	19.6		µg/l		20.0		98.0	70-130	2.02	25
Tert-Butanol / butyl alcohol	217		µg/l		200		108	70-130	1.83	25
1,4-Dioxane	226		µg/l		200		113	45.2-132	8.29	25
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: Dibromofluoromethane	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		

Matrix Spike (6120587-MS1) **Source: SA54983-01**

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120587 - SW846 5030 Water MS										
Prepared & Analyzed: 08-Dec-06										
Benzene	17.7		µg/l		20.0	BRL	88.5	70-130		
Chlorobenzene	19.4		µg/l		20.0	BRL	97.0	70-130		
1,1-Dichloroethene	18.6		µg/l		20.0	BRL	93.0	70-130		
Toluene	17.4		µg/l		20.0	BRL	87.0	70-130		
Trichloroethene	18.2		µg/l		20.0	BRL	91.0	70-130		
Surrogate: 4-Bromofluorobenzene	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*49.0*		µg/l		*50.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/l		*50.0*		*97.4*	*70-130*		
Surrogate: Dibromofluoromethane	*48.6*		µg/l		*50.0*		*97.2*	*70-130*		
Matrix Spike Dup (6120587-MSD1) Source: SA54983-01										
Prepared & Analyzed: 08-Dec-06										
Benzene	17.7		µg/l		20.0	BRL	88.5	70-130	0.00	30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130	1.56	30
1,1-Dichloroethene	18.8		µg/l		20.0	BRL	94.0	70-130	1.07	30
Toluene	17.6		µg/l		20.0	BRL	88.0	70-130	1.14	30
Trichloroethene	18.2		µg/l		20.0	BRL	91.0	70-130	0.00	30
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: Dibromofluoromethane	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Batch 6120689 - SW846 5035A Soil (low level)										
Blank (6120689-BLK1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120689 - SW846 5035A Soil (low level)										
Blank (6120689-BLK1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
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	*57.4*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*47.7*		µg/kg wet		*50.0*		*95.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.9*		µg/kg wet		*50.0*		*114*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS (6120689-BS1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	13.3	QC1	µg/kg wet		20.0		66.5	70-130		
Acetone	4.7		µg/kg wet		20.0		23.5	3.31-159		
Acrylonitrile	12.3	QC2	µg/kg wet		20.0		61.5	70-130		
Benzene	17.2		µg/kg wet		20.0		86.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120689 - SW846 5035A Soil (low level)										
LCS (6120689-BS1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Bromobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Bromochloromethane	19.1		µg/kg wet		20.0		95.5	70-130		
Bromodichloromethane	18.3		µg/kg wet		20.0		91.5	70-130		
Bromoform	20.8		µg/kg wet		20.0		104	70-130		
Bromomethane	15.9		µg/kg wet		20.0		79.5	50-140		
2-Butanone (MEK)	12.7		µg/kg wet		20.0		63.5	47.7-127		
n-Butylbenzene	14.7		µg/kg wet		20.0		73.5	70-130		
sec-Butylbenzene	17.7		µg/kg wet		20.0		88.5	70-130		
tert-Butylbenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Carbon disulfide	14.0		µg/kg wet		20.0		70.0	70-130		
Carbon tetrachloride	14.3		µg/kg wet		20.0		71.5	70-130		
Chlorobenzene	18.8		µg/kg wet		20.0		94.0	70-130		
Chloroethane	15.5		µg/kg wet		20.0		77.5	55.9-135		
Chloroform	15.8		µg/kg wet		20.0		79.0	70-130		
Chloromethane	13.1	QC1	µg/kg wet		20.0		65.5	70-130		
2-Chlorotoluene	18.7		µg/kg wet		20.0		93.5	70-130		
4-Chlorotoluene	18.2		µg/kg wet		20.0		91.0	70-130		
1,2-Dibromo-3-chloropropane	21.6		µg/kg wet		20.0		108	70-130		
Dibromochloromethane	18.2		µg/kg wet		20.0		91.0	72-125		
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98.0	70-130		
Dibromomethane	17.1		µg/kg wet		20.0		85.5	70-130		
1,2-Dichlorobenzene	17.9		µg/kg wet		20.0		89.5	70-130		
1,3-Dichlorobenzene	18.4		µg/kg wet		20.0		92.0	70-130		
1,4-Dichlorobenzene	17.5		µg/kg wet		20.0		87.5	70-130		
Dichlorodifluoromethane (Freon12)	15.3		µg/kg wet		20.0		76.5	42.3-190		
1,1-Dichloroethane	15.7		µg/kg wet		20.0		78.5	70-130		
1,2-Dichloroethane	15.7		µg/kg wet		20.0		78.5	70-130		
1,1-Dichloroethene	14.0		µg/kg wet		20.0		70.0	70-130		
cis-1,2-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130		
trans-1,2-Dichloroethene	16.0		µg/kg wet		20.0		80.0	70-130		
1,2-Dichloropropane	17.3		µg/kg wet		20.0		86.5	70-130		
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130		
2,2-Dichloropropane	11.9	QC2	µg/kg wet		20.0		59.5	70-130		
1,1-Dichloropropene	15.8		µg/kg wet		20.0		79.0	70-130		
cis-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88.0	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84.0	70-130		
Ethylbenzene	17.4		µg/kg wet		20.0		87.0	70-130		
Hexachlorobutadiene	15.4		µg/kg wet		20.0		77.0	70-137		
2-Hexanone (MBK)	13.1	QC1	µg/kg wet		20.0		65.5	70-130		
Isopropylbenzene	16.7		µg/kg wet		20.0		83.5	70-130		
4-Isopropyltoluene	16.6		µg/kg wet		20.0		83.0	70-130		
Methyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
4-Methyl-2-pentanone (MIBK)	18.8		µg/kg wet		20.0		94.0	48.5-127		
Methylene chloride	16.0		µg/kg wet		20.0		80.0	70-130		
Naphthalene	21.3		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
Styrene	19.5		µg/kg wet		20.0		97.5	70-130		
1,1,1,2-Tetrachloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,1,2,2-Tetrachloroethane	20.7		µg/kg wet		20.0		104	70-130		
Tetrachloroethene	14.8		µg/kg wet		20.0		74.0	70-130		
Toluene	15.4		µg/kg wet		20.0		77.0	70-130		
1,2,3-Trichlorobenzene	18.5		µg/kg wet		20.0		92.5	70-130		
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		83.5	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120689 - SW846 5035A Soil (low level)										
LCS (6120689-BS1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
1,1,1-Trichloroethane	15.2		µg/kg wet		20.0		76.0	70-130		
1,1,2-Trichloroethane	18.4		µg/kg wet		20.0		92.0	70-130		
Trichloroethene	16.2		µg/kg wet		20.0		81.0	70-130		
Trichlorofluoromethane (Freon 11)	12.6	QC1	µg/kg wet		20.0		63.0	66.5-144		
1,2,3-Trichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,2,4-Trimethylbenzene	18.4		µg/kg wet		20.0		92.0	70-130		
1,3,5-Trimethylbenzene	17.8		µg/kg wet		20.0		89.0	70-130		
Vinyl chloride	15.8		µg/kg wet		20.0		79.0	70-130		
m,p-Xylene	37.8		µg/kg wet		40.0		94.5	70-130		
o-Xylene	18.5		µg/kg wet		20.0		92.5	70-130		
Tetrahydrofuran	16.7		µg/kg wet		20.0		83.5	70-130		
Ethyl ether	18.2		µg/kg wet		20.0		91.0	64.9-123		
Tert-amyl methyl ether	17.4		µg/kg wet		20.0		87.0	70-130		
Ethyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
Di-isopropyl ether	14.5		µg/kg wet		20.0		72.5	70-130		
Tert-Butanol / butyl alcohol	146		µg/kg wet		200		73.0	70-130		
1,4-Dioxane	194		µg/kg wet		200		97.0	40-134		
Surrogate: 4-Bromofluorobenzene	*55.2*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/kg wet		*50.0*		*96.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*49.8*		µg/kg wet		*50.0*		*99.6*	*70-130*		
LCS Dup (6120689-BSD1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.1		µg/kg wet		20.0		70.5	70-130	5.84	25
Acetone	4.4		µg/kg wet		20.0		22.0	3.31-159	6.59	50
Acrylonitrile	14.6		µg/kg wet		20.0		73.0	70-130	17.1	25
Benzene	16.7		µg/kg wet		20.0		83.5	70-130	2.95	25
Bromobenzene	18.0		µg/kg wet		20.0		90.0	70-130	9.52	25
Bromochloromethane	19.0		µg/kg wet		20.0		95.0	70-130	0.525	25
Bromodichloromethane	17.0		µg/kg wet		20.0		85.0	70-130	7.37	25
Bromoform	19.5		µg/kg wet		20.0		97.5	70-130	6.45	25
Bromomethane	13.3		µg/kg wet		20.0		66.5	50-140	17.8	50
2-Butanone (MEK)	12.4		µg/kg wet		20.0		62.0	47.7-127	2.39	50
n-Butylbenzene	14.6		µg/kg wet		20.0		73.0	70-130	0.683	25
sec-Butylbenzene	17.5		µg/kg wet		20.0		87.5	70-130	1.14	25
tert-Butylbenzene	18.7		µg/kg wet		20.0		93.5	70-130	0.533	25
Carbon disulfide	14.3		µg/kg wet		20.0		71.5	70-130	2.12	25
Carbon tetrachloride	14.5		µg/kg wet		20.0		72.5	70-130	1.39	25
Chlorobenzene	17.5		µg/kg wet		20.0		87.5	70-130	7.16	25
Chloroethane	15.0		µg/kg wet		20.0		75.0	55.9-135	3.28	50
Chloroform	15.5		µg/kg wet		20.0		77.5	70-130	1.92	25
Chloromethane	13.5	QC1	µg/kg wet		20.0		67.5	70-130	3.01	25
2-Chlorotoluene	18.1		µg/kg wet		20.0		90.5	70-130	3.26	25
4-Chlorotoluene	17.1		µg/kg wet		20.0		85.5	70-130	6.23	25
1,2-Dibromo-3-chloropropane	17.0		µg/kg wet		20.0		85.0	70-130	23.8	25
Dibromochloromethane	18.1		µg/kg wet		20.0		90.5	72-125	0.551	50
1,2-Dibromoethane (EDB)	19.6		µg/kg wet		20.0		98.0	70-130	0.00	25
Dibromomethane	18.3		µg/kg wet		20.0		91.5	70-130	6.78	25
1,2-Dichlorobenzene	18.0		µg/kg wet		20.0		90.0	70-130	0.557	25
1,3-Dichlorobenzene	18.1		µg/kg wet		20.0		90.5	70-130	1.64	25
1,4-Dichlorobenzene	17.0		µg/kg wet		20.0		85.0	70-130	2.90	25
Dichlorodifluoromethane (Freon12)	11.0		µg/kg wet		20.0		55.0	42.3-190	32.7	50
1,1-Dichloroethane	15.7		µg/kg wet		20.0		78.5	70-130	0.00	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120689 - SW846 5035A Soil (low level)										
LCS Dup (6120689-BSD1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	2.52	25
1,1-Dichloroethene	14.6		µg/kg wet		20.0		73.0	70-130	4.20	25
cis-1,2-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130	0.00	25
trans-1,2-Dichloroethene	16.0		µg/kg wet		20.0		80.0	70-130	0.00	25
1,2-Dichloropropane	16.9		µg/kg wet		20.0		84.5	70-130	2.34	25
1,3-Dichloropropane	18.7		µg/kg wet		20.0		93.5	70-130	4.19	25
2,2-Dichloropropane	11.6	QC2	µg/kg wet		20.0		58.0	70-130	2.55	25
1,1-Dichloropropene	15.1		µg/kg wet		20.0		75.5	70-130	4.53	25
cis-1,3-Dichloropropene	16.5		µg/kg wet		20.0		82.5	70-130	6.45	25
trans-1,3-Dichloropropene	17.5		µg/kg wet		20.0		87.5	70-130	4.08	25
Ethylbenzene	17.6		µg/kg wet		20.0		88.0	70-130	1.14	25
Hexachlorobutadiene	15.0		µg/kg wet		20.0		75.0	70-137	2.63	50
2-Hexanone (MBK)	15.2		µg/kg wet		20.0		76.0	70-130	14.8	25
Isopropylbenzene	17.3		µg/kg wet		20.0		86.5	70-130	3.53	25
4-Isopropyltoluene	16.1		µg/kg wet		20.0		80.5	70-130	3.06	25
Methyl tert-butyl ether	17.2		µg/kg wet		20.0		86.0	70-130	2.87	25
4-Methyl-2-pentanone (MIBK)	20.4		µg/kg wet		20.0		102	48.5-127	8.16	50
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130	3.68	25
Naphthalene	20.9		µg/kg wet		20.0		104	70-130	1.90	25
n-Propylbenzene	18.4		µg/kg wet		20.0		92.0	70-130	0.542	25
Styrene	19.3		µg/kg wet		20.0		96.5	70-130	1.03	25
1,1,1,2-Tetrachloroethane	19.2		µg/kg wet		20.0		96.0	70-130	6.06	25
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	2.93	25
Tetrachloroethene	16.0		µg/kg wet		20.0		80.0	70-130	7.79	25
Toluene	16.3		µg/kg wet		20.0		81.5	70-130	5.68	25
1,2,3-Trichlorobenzene	17.6		µg/kg wet		20.0		88.0	70-130	4.99	25
1,2,4-Trichlorobenzene	16.1		µg/kg wet		20.0		80.5	70-130	3.66	25
1,1,1-Trichloroethane	14.5		µg/kg wet		20.0		72.5	70-130	4.71	25
1,1,2-Trichloroethane	19.7		µg/kg wet		20.0		98.5	70-130	6.82	25
Trichloroethene	16.2		µg/kg wet		20.0		81.0	70-130	0.00	25
Trichlorofluoromethane (Freon 11)	12.7	QC1	µg/kg wet		20.0		63.5	66.5-144	0.791	50
1,2,3-Trichloropropane	21.3		µg/kg wet		20.0		106	70-130	3.70	25
1,2,4-Trimethylbenzene	18.1		µg/kg wet		20.0		90.5	70-130	1.64	25
1,3,5-Trimethylbenzene	17.8		µg/kg wet		20.0		89.0	70-130	0.00	25
Vinyl chloride	12.7	QC1	µg/kg wet		20.0		63.5	70-130	21.8	25
m,p-Xylene	35.5		µg/kg wet		40.0		88.8	70-130	6.22	25
o-Xylene	18.8		µg/kg wet		20.0		94.0	70-130	1.61	25
Tetrahydrofuran	15.5		µg/kg wet		20.0		77.5	70-130	7.45	25
Ethyl ether	16.3		µg/kg wet		20.0		81.5	64.9-123	11.0	50
Tert-amyl methyl ether	17.0		µg/kg wet		20.0		85.0	70-130	2.33	25
Ethyl tert-butyl ether	18.1		µg/kg wet		20.0		90.5	70-130	2.23	25
Di-isopropyl ether	14.6		µg/kg wet		20.0		73.0	70-130	0.687	25
Tert-Butanol / butyl alcohol	158		µg/kg wet		200		79.0	70-130	7.89	25
1,4-Dioxane	180		µg/kg wet		200		90.0	40-134	7.49	25
Surrogate: 4-Bromofluorobenzene	*54.4*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/kg wet		*50.0*		*96.8*	*70-130*		
Surrogate: Dibromofluoromethane	*49.9*		µg/kg wet		*50.0*		*99.8*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120313 - SW846 3510C										
Blank (6120313-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
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	*0.0506*		mg/l		*0.0500*		*101*	*40-140*		
LCS (6120313-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.2		mg/l	0.05	1.40		85.7	60-120		
Surrogate: 1-Chlorooctadecane	*0.0452*		mg/l		*0.0500*		*90.4*	*60-120*		
Batch 6120320 - SW846 3550B/3510C										
Blank (6120320-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.90*		mg/kg wet		*3.33*		*87.1*	*40-140*		
LCS (6120320-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
C9-C36 Aliphatic Hydrocarbons	83.4		mg/kg wet	13.3	93.3		89.4	60-120		
Surrogate: 1-Chlorooctadecane	*2.96*		mg/kg wet		*3.33*		*88.9*	*60-120*		
Duplicate (6120320-DUP1) **Source: SA55069-03**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Gasoline	BRL		mg/kg dry	17.9		BRL				50
Fuel Oil #2	BRL		mg/kg dry	17.9		BRL				50
Fuel Oil #4	BRL		mg/kg dry	17.9		BRL				50
Fuel Oil #6	BRL		mg/kg dry	17.9		BRL				50
Motor Oil	BRL		mg/kg dry	17.9		BRL				50
Aviation Fuel	BRL		mg/kg dry	17.9		BRL				50
Unidentified	BRL		mg/kg dry	17.9		BRL				50
Other Oil	BRL		mg/kg dry	17.9		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	17.9		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	17.9		BRL				50
Surrogate: 1-Chlorooctadecane	*0.979*		mg/kg dry		*2.25*		*43.5*	*40-140*		
Matrix Spike (6120320-MS1) **Source: SA55069-03**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
C9-C36 Aliphatic Hydrocarbons	81.6		mg/kg dry	16.8	118	BRL	69.2	50-150		
Surrogate: 1-Chlorooctadecane	*2.82*		mg/kg dry		*4.22*		*66.8*	*40-140*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120320 - SW846 3550B/3510C										
Matrix Spike Dup (6120320-MSD1) Source: SA55069-03										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
C9-C36 Aliphatic Hydrocarbons	87.6		mg/kg dry	16.9	118	BRL	74.2	50-150	6.97	30
Surrogate: 1-Chlorooctadecane	*3.08*		mg/kg dry		*4.22*		*73.0*	*40-140*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120258 - SW846 3510C										
Blank (6120258-BLK1)										
Prepared: 05-Dec-06 Analyzed: 06-Dec-06										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	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	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						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
Di-n-butyl phthalate	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	0.050						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120258 - SW846 3510C										
Blank (6120258-BLK1)										
Prepared: 05-Dec-06 Analyzed: 06-Dec-06										
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	5.00						
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	5.00						
Nitrobenzene	BRL		µg/l	5.00						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
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						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*71.2*		µg/l		*100*		*71.2*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*71.2*		µg/l		*100*		*71.2*	*30-130*		
Surrogate: 2-Fluorophenol	*83.8*		µg/l		*100*		*83.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*69.5*		µg/l		*100*		*69.5*	*30-130*		
Surrogate: Phenol-d5	*80.2*		µg/l		*100*		*80.2*	*15-110*		
Surrogate: Terphenyl-dl4	*59.7*		µg/l		*100*		*59.7*	*30-130*		
Surrogate: Terphenyl-dl4	*59.7*		µg/l		*100*		*59.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*105*		µg/l		*100*		*105*	*15-110*		
LCS (6120258-BS1)										
Prepared: 05-Dec-06 Analyzed: 06-Dec-06										
Acenaphthene	57.6		µg/l	5.00	100		57.6	40-130		
Acenaphthene	57.6		µg/l	0.050	100		57.6	40-140		
Acenaphthylene	58.4		µg/l	5.00	100		58.4	40-130		
Acenaphthylene	58.4		µg/l	0.050	100		58.4	40-140		
1-Methylnaphthalene	59.6		µg/l	0.050	100		59.6	40-140		
Anthracene	63.2		µg/l	5.00	100		63.2	40-130		
Anthracene	63.2		µg/l	0.050	100		63.2	40-140		
Azobenzene/Diphenyldiazine	50.0		µg/l	5.00	100		50.0	40-130		
Benzidine	27.4	QC2	µg/l	5.00	100		27.4	40-130		
Benzo (a) anthracene	77.3		µg/l	5.00	100		77.3	40-130		
Benzo (a) anthracene	77.3		µg/l	0.050	100		77.3	40-140		
Benzo (a) pyrene	65.5		µg/l	5.00	100		65.5	40-130		
Benzo (a) pyrene	65.5		µg/l	0.050	100		65.5	40-140		
Benzo (b) fluoranthene	65.1		µg/l	0.050	100		65.1	40-140		
Benzo (b) fluoranthene	65.1		µg/l	5.00	100		65.1	40-130		
Benzo (g,h,i) perylene	73.2		µg/l	0.050	100		73.2	40-140		
Benzo (g,h,i) perylene	73.2		µg/l	5.00	100		73.2	40-130		
Benzo (k) fluoranthene	58.5		µg/l	5.00	100		58.5	40-130		
Benzo (k) fluoranthene	58.5		µg/l	0.050	100		58.5	40-140		
Benzoic acid	1.49	QC2	µg/l	5.00	100		1.49	40-130		
Benzyl alcohol	82.3		µg/l	5.00	100		82.3	40-130		
Bis(2-chloroethoxy)methane	74.9		µg/l	5.00	100		74.9	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 6120258 - SW846 3510C										
LCS (6120258-BS1)										
Prepared: 05-Dec-06 Analyzed: 06-Dec-06										
Bis(2-chloroethyl)ether	62.6		µg/l	5.00	100		62.6	40-130		
Bis(2-chloroisopropyl)ether	84.0		µg/l	5.00	100		84.0	40-130		
Bis(2-ethylhexyl)phthalate	67.3		µg/l	5.00	100		67.3	40-130		
4-Bromophenyl phenyl ether	79.8		µg/l	5.00	100		79.8	40-130		
Butyl benzyl phthalate	71.4		µg/l	5.00	100		71.4	40-130		
4-Chloroaniline	46.2		µg/l	5.00	100		46.2	40-130		
2-Chloronaphthalene	59.9		µg/l	5.00	100		59.9	40-130		
4-Chlorophenyl phenyl ether	55.6		µg/l	5.00	100		55.6	40-130		
Chrysene	77.1		µg/l	5.00	100		77.1	40-130		
Chrysene	77.1		µg/l	0.050	100		77.1	40-140		
Dibenzo (a,h) anthracene	65.4		µg/l	5.00	100		65.4	40-130		
Dibenzo (a,h) anthracene	65.4		µg/l	0.050	100		65.4	40-140		
Dibenzofuran	59.5		µg/l	5.00	100		59.5	40-130		
1,2-Dichlorobenzene	67.2		µg/l	5.00	100		67.2	40-130		
1,3-Dichlorobenzene	66.4		µg/l	5.00	100		66.4	40-130		
1,4-Dichlorobenzene	64.3		µg/l	5.00	100		64.3	40-130		
3,3'-Dichlorobenzidine	60.4		µg/l	5.00	100		60.4	40-130		
Diethyl phthalate	56.7		µg/l	5.00	100		56.7	40-130		
Dimethyl phthalate	70.9		µg/l	5.00	100		70.9	40-130		
Di-n-butyl phthalate	62.0		µg/l	5.00	100		62.0	40-130		
2,4-Dinitrotoluene	73.9		µg/l	5.00	100		73.9	40-130		
2,6-Dinitrotoluene	68.8		µg/l	5.00	100		68.8	40-130		
Di-n-octyl phthalate	49.9		µg/l	5.00	100		49.9	40-130		
Fluoranthene	72.3		µg/l	0.050	100		72.3	40-140		
Fluoranthene	72.3		µg/l	5.00	100		72.3	40-130		
Fluorene	49.3		µg/l	0.050	100		49.3	40-140		
Fluorene	49.3		µg/l	5.00	100		49.3	40-130		
Hexachlorobenzene	76.1		µg/l	5.00	100		76.1	40-130		
Hexachlorobutadiene	73.8		µg/l	5.00	100		73.8	40-130		
Hexachlorocyclopentadiene	72.1		µg/l	5.00	100		72.1	40-130		
Hexachloroethane	64.4		µg/l	5.00	100		64.4	40-130		
Indeno (1,2,3-cd) pyrene	68.2		µg/l	0.050	100		68.2	40-140		
Indeno (1,2,3-cd) pyrene	68.2		µg/l	5.00	100		68.2	40-130		
Isophorone	68.1		µg/l	5.00	100		68.1	40-130		
2-Methylnaphthalene	62.2		µg/l	0.050	100		62.2	40-140		
2-Methylnaphthalene	62.2		µg/l	5.00	100		62.2	40-130		
Naphthalene	63.5		µg/l	5.00	100		63.5	40-130		
Naphthalene	63.5		µg/l	0.050	100		63.5	40-140		
2-Nitroaniline	77.0		µg/l	5.00	100		77.0	40-130		
3-Nitroaniline	50.1		µg/l	5.00	100		50.1	40-130		
4-Nitroaniline	54.1		µg/l	5.00	100		54.1	40-130		
Nitrobenzene	56.4		µg/l	5.00	100		56.4	40-130		
N-Nitrosodimethylamine	65.5		µg/l	5.00	100		65.5	40-130		
N-Nitrosodiphenylamine	58.2		µg/l	5.00	100		58.2	40-130		
Phenanthrene	65.8		µg/l	5.00	100		65.8	40-130		
Phenanthrene	65.8		µg/l	0.050	100		65.8	40-140		
Pyrene	66.4		µg/l	0.050	100		66.4	40-140		
Pyrene	66.4		µg/l	5.00	100		66.4	40-130		
Hexachlorobenzene	76.1		µg/l	1.00	100		76.1	40-140		
Hexachloroethane	64.4		µg/l	1.00	100		64.4	40-140		
Pentachlorophenol	91.8		µg/l	1.00	100		91.8	30-130		
Hexachlorobutadiene	73.8		µg/l	0.500	100		73.8	40-140		
Surrogate: 2-Fluorobiphenyl	*68.0*		µg/l		*100*		*68.0*	*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 6120317 - SW846 3550B										
Blank (6120317-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Benzo (a) anthracene	BRL		µg/kg wet	330						
Chrysene	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*7300*		µg/kg wet		*13300*		*54.9*	*30-130*		
Surrogate: 2-Fluorophenol	*8090*		µg/kg wet		*13300*		*60.8*	*30-130*		
Surrogate: Nitrobenzene-d5	*6700*		µg/kg wet		*13300*		*50.4*	*30-130*		
Surrogate: Phenol-d5	*7630*		µg/kg wet		*13300*		*57.4*	*30-130*		
Surrogate: Terphenyl-d14	*7460*		µg/kg wet		*13300*		*56.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*9760*		µg/kg wet		*13300*		*73.4*	*30-130*		
LCS (6120317-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
N-Nitrosodimethylamine	4200		µg/kg wet	330	6670		63.0	40-130		
Bis(2-chloroethyl)ether	3980		µg/kg wet	330	6670		59.7	40-130		
1,3-Dichlorobenzene	4110		µg/kg wet	330	6670		61.6	40-130		
1,4-Dichlorobenzene	4380		µg/kg wet	330	6670		65.7	40-130		
1,2-Dichlorobenzene	4180		µg/kg wet	330	6670		62.7	40-130		
Benzyl alcohol	4760		µg/kg wet	330	6670		71.4	40-130		
Bis(2-chloroisopropyl)ether	5100		µg/kg wet	330	6670		76.5	40-130		
Hexachloroethane	4290		µg/kg wet	330	6670		64.3	40-130		
Nitrobenzene	3420		µg/kg wet	330	6670		51.3	40-130		
Isophorone	4400		µg/kg wet	330	6670		66.0	40-130		
Bis(2-chloroethoxy)methane	4950		µg/kg wet	330	6670		74.2	40-130		
Benzoic acid	183	QC2	µg/kg wet	330	6670		2.74	40-130		
Naphthalene	4820		µg/kg wet	330	6670		72.3	40-130		
4-Chloroaniline	3050		µg/kg wet	330	6670		45.7	40-130		
Hexachlorobutadiene	5310		µg/kg wet	330	6670		79.6	40-130		
2-Methylnaphthalene	4760		µg/kg wet	330	6670		71.4	40-130		
Hexachlorocyclopentadiene	1540	QC2	µg/kg wet	330	6670		23.1	40-130		
2-Chloronaphthalene	4190		µg/kg wet	330	6670		62.8	40-130		
2-Nitroaniline	4640		µg/kg wet	330	6670		69.6	40-130		
Acenaphthylene	4600		µg/kg wet	330	6670		69.0	40-130		
Dimethyl phthalate	4990		µg/kg wet	330	6670		74.8	40-130		
2,6-Dinitrotoluene	4420		µg/kg wet	330	6670		66.3	40-130		
Acenaphthene	4330		µg/kg wet	330	6670		64.9	40-130		
3-Nitroaniline	4100		µg/kg wet	330	6670		61.5	40-130		
Dibenzofuran	4230		µg/kg wet	330	6670		63.4	40-130		
2,4-Dinitrotoluene	4580		µg/kg wet	330	6670		68.7	40-130		
Fluorene	4600		µg/kg wet	330	6670		69.0	40-130		
4-Chlorophenyl phenyl ether	5120		µg/kg wet	330	6670		76.8	40-130		
Diethyl phthalate	4700		µg/kg wet	330	6670		70.5	40-130		
4-Nitroaniline	5160		µg/kg wet	330	6670		77.4	40-130		
N-Nitrosodiphenylamine	4620		µg/kg wet	330	6670		69.3	40-130		
Azobenzene/Diphenyldiazine	3750		µg/kg wet	330	6670		56.2	40-130		
4-Bromophenyl phenyl ether	5310		µg/kg wet	330	6670		79.6	40-130		
Hexachlorobenzene	5070		µg/kg wet	330	6670		76.0	40-130		
Phenanthrene	4660		µg/kg wet	330	6670		69.9	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 6120258 - SW846 3510C										
LCS (6120258-BS1)										
Prepared: 05-Dec-06 Analyzed: 06-Dec-06										
Surrogate: 2-Fluorobiphenyl	*68.0*		µg/l		*100*		*68.0*	*30-130*		
Surrogate: 2-Fluorophenol	*82.0*		µg/l		*100*		*82.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*77.7*		µg/l		*100*		*77.7*	*30-130*		
Surrogate: Phenol-d5	*65.5*		µg/l		*100*		*65.5*	*15-110*		
Surrogate: Terphenyl-dl4	*79.6*		µg/l		*100*		*79.6*	*30-130*		
Surrogate: Terphenyl-dl4	*79.6*		µg/l		*100*		*79.6*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*107*		µg/l		*100*		*107*	*15-110*		
Batch 6120317 - SW846 3550B										
Blank (6120317-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Nitrobenzene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Acenaphthene	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
3,3'-Dichlorobenzidine	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 6120317 - SW846 3550B										
LCS (6120317-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Anthracene	4550		µg/kg wet	330	6670		68.2	40-130		
Di-n-butyl phthalate	4480		µg/kg wet	330	6670		67.2	40-130		
Fluoranthene	5060		µg/kg wet	330	6670		75.9	40-130		
Benzidine	422	QC2	µg/kg wet	330	6670		6.33	40-130		
Pyrene	4340		µg/kg wet	330	6670		65.1	40-130		
Butyl benzyl phthalate	4170		µg/kg wet	330	6670		62.5	40-130		
3,3'-Dichlorobenzidine	4910		µg/kg wet	330	6670		73.6	40-130		
Benzo (a) anthracene	4540		µg/kg wet	330	6670		68.1	40-130		
Chrysene	4630		µg/kg wet	330	6670		69.4	40-130		
Bis(2-ethylhexyl)phthalate	4210		µg/kg wet	330	6670		63.1	40-130		
Di-n-octyl phthalate	4190		µg/kg wet	330	6670		62.8	40-130		
Benzo (b) fluoranthene	3950		µg/kg wet	330	6670		59.2	40-130		
Benzo (k) fluoranthene	5440		µg/kg wet	330	6670		81.6	40-130		
Benzo (a) pyrene	4490		µg/kg wet	330	6670		67.3	40-130		
Indeno (1,2,3-cd) pyrene	4050		µg/kg wet	330	6670		60.7	40-130		
Dibenzo (a,h) anthracene	4100		µg/kg wet	330	6670		61.5	40-130		
Benzo (g,h,i) perylene	4030		µg/kg wet	330	6670		60.4	40-130		
1,4-Dichlorobenzene-d4	40.0		µg/kg wet		40.0		72.6	50-200		
Naphthalene-d8	40.0		µg/kg wet		40.0		73.2	50-200		
Acenaphthene-d10	40.0		µg/kg wet		40.0		76.3	50-200		
Phenanthrene-d10	40.0		µg/kg wet		40.0		79.6	50-200		
Chrysene-d12	40.0		µg/kg wet		40.0		88.5	50-200		
Perylene-d12	40.0		µg/kg wet		40.0		67.3	50-200		
Surrogate: 2-Fluorobiphenyl	*6710*		µg/kg wet		*6670*		*101*	*30-130*		
Surrogate: 2-Fluorophenol	*7030*		µg/kg wet		*6670*		*105*	*15-110*		
Surrogate: Nitrobenzene-d5	*7710*		µg/kg wet		*6670*		*116*	*30-130*		
Surrogate: Phenol-d5	*6210*		µg/kg wet		*6670*		*93.1*	*15-110*		
Surrogate: Terphenyl-dl4	*6840*		µg/kg wet		*6670*		*103*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*10300*	SGC	µg/kg wet		*6670*		*154*	*15-110*		
Duplicate (6120317-DUP1) **Source: SA55011-01**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
N-Nitrosodimethylamine	BRL		µg/kg dry	293		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	293		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	293		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	293		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	293		BRL				50
Benzyl alcohol	BRL		µg/kg dry	293		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	293		BRL				50
Hexachloroethane	BRL		µg/kg dry	293		BRL				50
Nitrobenzene	BRL		µg/kg dry	293		BRL				50
Isophorone	BRL		µg/kg dry	293		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	293		BRL				50
Benzoic acid	BRL		µg/kg dry	293		BRL				50
Naphthalene	BRL		µg/kg dry	293		BRL				50
4-Chloroaniline	BRL		µg/kg dry	293		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	293		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	293		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	293		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	293		BRL				50
2-Nitroaniline	BRL		µg/kg dry	293		BRL				50
Acenaphthylene	35.5	J	µg/kg dry	293		40.6			13.4	50
Dimethyl phthalate	BRL		µg/kg dry	293		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	293		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 6120317 - SW846 3550B										
Duplicate (6120317-DUP1) **Source: SA55011-01**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Acenaphthene	BRL		µg/kg dry	293		BRL				50
3-Nitroaniline	BRL		µg/kg dry	293		BRL				50
Dibenzofuran	BRL		µg/kg dry	293		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	293		BRL				50
Fluorene	BRL		µg/kg dry	293		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	293		BRL				50
Diethyl phthalate	BRL		µg/kg dry	293		BRL				50
4-Nitroaniline	BRL		µg/kg dry	293		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	293		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	293		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	293		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	293		BRL				50
Phenanthrene	372		µg/kg dry	293		418			11.6	50
Anthracene	127	J	µg/kg dry	293		143			11.9	50
Di-n-butyl phthalate	BRL		µg/kg dry	293		BRL				50
Fluoranthene	696		µg/kg dry	293		859			21.0	50
Benzidine	BRL		µg/kg dry	293		BRL				50
Pyrene	547		µg/kg dry	293		689			23.0	50
Butyl benzyl phthalate	BRL		µg/kg dry	293		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	293		BRL				50
Benzo (a) anthracene	299		µg/kg dry	293		390			26.4	50
Chrysene	380		µg/kg dry	293		485			24.3	50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	293		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	293		BRL				50
Benzo (b) fluoranthene	287	J	µg/kg dry	293		402			33.4	50
Benzo (k) fluoranthene	337		µg/kg dry	293		388			14.1	50
Benzo (a) pyrene	304		µg/kg dry	293		388			24.3	50
Indeno (1,2,3-cd) pyrene	165	J	µg/kg dry	293		243			38.2	50
Dibenzo (a,h) anthracene	36.7	J	µg/kg dry	293		49.2			29.1	50
Benzo (g,h,i) perylene	179	J	µg/kg dry	293		277			43.0	50
Surrogate: 2-Fluorobiphenyl	*1900*		µg/kg dry		*2960*		*64.2*	*30-130*		
Surrogate: 2-Fluorophenol	*1500*		µg/kg dry		*2960*		*50.7*	*30-130*		
Surrogate: Nitrobenzene-d5	*1280*		µg/kg dry		*2960*		*43.2*	*30-130*		
Surrogate: Phenol-d5	*1260*		µg/kg dry		*2960*		*42.6*	*30-130*		
Surrogate: Terphenyl-dl4	*1850*		µg/kg dry		*2960*		*62.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1760*		µg/kg dry		*2960*		*59.5*	*30-130*		
Matrix Spike (6120317-MS1) **Source: SA55011-01**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Phenol	3170		µg/kg dry	289	5850	BRL	54.2	30-130		
1,4-Dichlorobenzene	3300		µg/kg dry	289	5850	BRL	56.4	40-140		
Acenaphthene	3310		µg/kg dry	289	5850	BRL	56.6	40-140		
2,4-Dinitrotoluene	3120		µg/kg dry	289	5850	BRL	53.3	40-140		
Pyrene	4400		µg/kg dry	289	5850	689	63.4	40-140		
1,4-Dichlorobenzene-d4	40.0		µg/kg dry		40.0		84.8	50-200		
Naphthalene-d8	40.0		µg/kg dry		40.0		87.9	50-200		
Acenaphthene-d10	40.0		µg/kg dry		40.0		87.3	50-200		
Phenanthrene-d10	40.0		µg/kg dry		40.0		84.4	50-200		
Chrysene-d12	40.0		µg/kg dry		40.0		76.7	50-200		
Perylene-d12	40.0		µg/kg dry		40.0		49	50-200		
Surrogate: 2-Fluorobiphenyl	*3660*		µg/kg dry		*5850*		*62.6*	*30-130*		
Surrogate: 2-Fluorophenol	*3130*		µg/kg dry		*5850*		*53.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*3400*		µg/kg dry		*5850*		*58.1*	*30-130*		
Surrogate: Phenol-d5	*2850*		µg/kg dry		*5850*		*48.7*	*30-130*		
Surrogate: Terphenyl-dl4	*3930*		µg/kg dry		*5850*		*67.2*	*30-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120317 - SW846 3550B										
Matrix Spike (6120317-MS1) **Source: SA55011-01**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Surrogate: 2,4,6-Tribromophenol	*4540*		µg/kg dry		*5850*		*77.6*	*30-130*		
Matrix Spike Dup (6120317-MSD1) **Source: SA55011-01**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Phenol	3120		µg/kg dry	288	5810	BRL	53.7	30-130	0.927	30
1,4-Dichlorobenzene	3290		µg/kg dry	288	5810	BRL	56.6	40-140	0.354	30
Acenaphthene	3280		µg/kg dry	288	5810	BRL	56.5	40-140	0.177	30
2,4-Dinitrotoluene	3110		µg/kg dry	288	5810	BRL	53.5	40-140	0.375	30
Pyrene	4000		µg/kg dry	288	5810	689	57.0	40-140	10.6	30
Surrogate: 2-Fluorobiphenyl	*3730*		µg/kg dry		*5810*		*64.2*	*30-130*		
Surrogate: 2-Fluorophenol	*3210*		µg/kg dry		*5810*		*55.2*	*30-130*		
Surrogate: Nitrobenzene-d5	*3490*		µg/kg dry		*5810*		*60.1*	*30-130*		
Surrogate: Phenol-d5	*2940*		µg/kg dry		*5810*		*50.6*	*30-130*		
Surrogate: Terphenyl-dl4	*4050*		µg/kg dry		*5810*		*69.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4640*		µg/kg dry		*5810*		*79.9*	*30-130*		

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 6120270 - EPA200/SW7000 Series										
Blank (6120270-BLK1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	BRL		mg/kg wet	0.0292						
Duplicate (6120270-DUP1) **Source: SA54998-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	0.0207	J,QR1	mg/kg dry	0.0328		0.0291			33.7	20
Matrix Spike (6120270-MS1) **Source: SA55014-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	0.603		mg/kg dry	0.0387	0.538	0.0831	96.6	75-125		
Matrix Spike (6120270-MS2) **Source: SA55069-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	0.531		mg/kg dry	0.0319	0.443	0.0937	98.7	75-125		
Post Spike (6120270-PS1) **Source: SA55014-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	0.640		mg/kg dry	0.0403	0.560	0.0831	99.4	75-125		
Reference (6120270-SRM1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Mercury	1.35		mg/kg wet	0.0300	1.07		126	68.2-132.1		
Batch 6120336 - SW846 3005A										
Blank (6120336-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Silver	BRL		mg/l	0.0050						
LCS (6120336-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Selenium	0.448		mg/l	0.0150	0.500		89.6	85-115		
Lead	0.468		mg/l	0.0075	0.500		93.6	85-115		
Chromium	0.489		mg/l	0.0050	0.500		97.8	85-115		
Cadmium	0.494		mg/l	0.0025	0.500		98.8	85-115		
Silver	0.432		mg/l	0.0050	0.500		86.4	85-115		
Arsenic	0.454		mg/l	0.0040	0.500		90.8	85-115		
Barium	0.527		mg/l	0.0050	0.500		105	85-115		
LCS Dup (6120336-BSD1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Lead	0.467		mg/l	0.0075	0.500		93.4	85-115	0.214	20
Selenium	0.439		mg/l	0.0150	0.500		87.8	85-115	2.03	20
Cadmium	0.492		mg/l	0.0025	0.500		98.4	85-115	0.406	20
Barium	0.526		mg/l	0.0050	0.500		105	85-115	0.190	20
Silver	0.433		mg/l	0.0050	0.500		86.6	85-115	0.231	20
Chromium	0.492		mg/l	0.0050	0.500		98.4	85-115	0.612	20
Arsenic	0.447		mg/l	0.0040	0.500		89.4	85-115	1.55	20
Duplicate (6120336-DUP1) **Source: SA55069-13**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Lead	0.0246		mg/l	0.0075		0.0264			7.06	20
Selenium	0.0070	J,QR1	mg/l	0.0150		0.0088			22.8	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 6120336 - SW846 3005A										
Duplicate (6120336-DUP1) **Source: SA55069-13**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Barium	0.401		mg/l	0.0050		0.424			5.58	20
Chromium	0.0410		mg/l	0.0050		0.0446			8.41	20
Cadmium	0.0012	J	mg/l	0.0025		0.0013			8.00	20
Arsenic	0.0068		mg/l	0.0040		0.0069			1.46	20
Silver	BRL		mg/l	0.0050		BRL				20
Matrix Spike (6120336-MS1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Lead	0.476		mg/l	0.0075	0.500	BRL	95.2	75-125		
Selenium	0.458		mg/l	0.0150	0.500	BRL	91.6	75-125		
Cadmium	0.500		mg/l	0.0025	0.500	BRL	100	75-125		
Silver	0.421		mg/l	0.0050	0.500	BRL	84.2	75-125		
Arsenic	0.456		mg/l	0.0040	0.500	BRL	91.2	75-125		
Chromium	0.499		mg/l	0.0050	0.500	0.0018	99.4	75-125		
Barium	0.533		mg/l	0.0050	0.500	BRL	107	75-125		
Matrix Spike Dup (6120336-MSD1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Selenium	0.438		mg/l	0.0150	0.500	BRL	87.6	75-125	4.46	20
Lead	0.462		mg/l	0.0075	0.500	BRL	92.4	75-125	2.99	20
Cadmium	0.484		mg/l	0.0025	0.500	BRL	96.8	75-125	3.25	20
Chromium	0.483		mg/l	0.0050	0.500	0.0018	96.2	75-125	3.26	20
Arsenic	0.442		mg/l	0.0040	0.500	BRL	88.4	75-125	3.12	20
Barium	0.520		mg/l	0.0050	0.500	BRL	104	75-125	2.47	20
Silver	0.404		mg/l	0.0050	0.500	BRL	80.8	75-125	4.12	20
Post Spike (6120336-PS1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Selenium	0.431		mg/l	0.0150	0.500	BRL	86.2	80-120		
Lead	0.460		mg/l	0.0075	0.500	BRL	92.0	80-120		
Chromium	0.483		mg/l	0.0050	0.500	0.0018	96.2	80-120		
Cadmium	0.485		mg/l	0.0025	0.500	BRL	97.0	80-120		
Silver	0.405		mg/l	0.0050	0.500	BRL	81.0	80-120		
Arsenic	0.441		mg/l	0.0040	0.500	BRL	88.2	80-120		
Barium	0.520		mg/l	0.0050	0.500	BRL	104	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 6120269 - EPA 200 Series										
Blank (6120269-BLK1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Selenium	BRL		mg/kg wet	1.37						
Silver	BRL		mg/kg wet	0.911						
Chromium	BRL		mg/kg wet	0.456						
Arsenic	BRL		mg/kg wet	1.37						
Lead	BRL		mg/kg wet	0.683						
Cadmium	BRL		mg/kg wet	0.228						
Barium	BRL		mg/kg wet	0.456						
LCS (6120269-BS1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Silver	115		mg/kg wet	1.00	125		92.0	85-115		
Selenium	126		mg/kg wet	1.50	125		101	85-115		
Chromium	132		mg/kg wet	0.500	125		106	85-115		
Arsenic	124		mg/kg wet	1.50	125		99.2	85-115		
Lead	126		mg/kg wet	0.750	125		101	85-115		
Cadmium	133		mg/kg wet	0.250	125		106	85-115		
Barium	133		mg/kg wet	0.500	125		106	85-115		
Duplicate (6120269-DUP1) **Source: SA54998-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Selenium	0.625	J	mg/kg dry	1.53		BRL				35
Silver	BRL		mg/kg dry	1.02		BRL				35
Chromium	12.1		mg/kg dry	0.509		13.4			10.2	35
Lead	64.0		mg/kg dry	0.763		68.8			7.23	35
Arsenic	1.41	J	mg/kg dry	1.53		1.61			13.2	35
Cadmium	0.386		mg/kg dry	0.254		0.425			9.62	35
Barium	44.0		mg/kg dry	0.509		43.2			1.83	35
Matrix Spike (6120269-MS1) **Source: SA55014-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Silver	151		mg/kg dry	1.31	164	BRL	92.1	70-130		
Selenium	159		mg/kg dry	1.97	164	1.03	96.3	70-130		
Lead	244		mg/kg dry	0.985	164	84.7	97.1	70-130		
Chromium	183		mg/kg dry	0.657	164	11.7	104	70-130		
Cadmium	166		mg/kg dry	0.328	164	0.315	101	70-130		
Arsenic	162		mg/kg dry	1.97	164	3.86	96.4	70-130		
Barium	203		mg/kg dry	0.657	164	26.0	108	70-130		
Matrix Spike (6120269-MS2) **Source: SA55069-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Selenium	118		mg/kg dry	1.56	130	0.774	90.2	70-130		
Silver	119		mg/kg dry	1.04	130	BRL	91.5	70-130		
Lead	192		mg/kg dry	0.781	130	85.4	82.0	70-130		
Chromium	141		mg/kg dry	0.520	130	13.6	98.0	70-130		
Arsenic	125		mg/kg dry	1.56	130	2.06	94.6	70-130		
Cadmium	123		mg/kg dry	0.260	130	0.791	94.0	70-130		
Barium	394	QM7	mg/kg dry	0.520	130	57.4	259	70-130		
Post Spike (6120269-PS1) **Source: SA55014-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Silver	145		mg/kg dry	1.24	155	BRL	93.5	85-115		
Selenium	150		mg/kg dry	1.86	155	1.03	96.1	85-115		
Chromium	169		mg/kg dry	0.620	155	11.7	101	85-115		
Cadmium	153		mg/kg dry	0.310	155	0.315	98.5	85-115		
Lead	223		mg/kg dry	0.930	155	84.7	89.2	85-115		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120269 - EPA 200 Series										
Post Spike (6120269-PS1) **Source: SA55014-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Arsenic	150		mg/kg dry	1.86	155	3.86	94.3	85-115		
Barium	187		mg/kg dry	0.620	155	26.0	104	85-115		
Reference (6120269-SRM1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Silver	63.6		mg/kg wet	1.00	62.7		101	61.2-139		
Selenium	80.4		mg/kg wet	1.50	88.2		91.2	75.7-124.3		
Arsenic	118		mg/kg wet	1.50	131		90.1	79.8-120.2		
Cadmium	53.6		mg/kg wet	0.250	59.6		89.9	81.5-118.8		
Chromium	34.1		mg/kg wet	0.500	37.1		91.9	78.6-121.4		
Lead	77.5		mg/kg wet	0.750	84.6		91.6	80.7-119.3		
Barium	231		mg/kg wet	0.500	241		95.9	82-118.1		
Batch 6120337 - EPA200/SW7000 Series										
Blank (6120337-BLK1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120337-BS1)										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	0.00259		mg/l	0.00020	0.00250		104	80-120		
Duplicate (6120337-DUP1) **Source: SA55069-13**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	BRL		mg/l	0.00020		0.00016				20
Matrix Spike (6120337-MS1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	0.00263		mg/l	0.00020	0.00250	BRL	105	75-125		
Matrix Spike Dup (6120337-MSD1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	0.00266		mg/l	0.00020	0.00250	BRL	106	75-125	1.13	20
Post Spike (6120337-PS1) **Source: SA55069-14**										
Prepared: 06-Dec-06 Analyzed: 07-Dec-06										
Mercury	0.00314	QC1	mg/l	0.00020	0.00250	BRL	126	75-125		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120579 - SW846 3010A										
Blank (6120579-BLK1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	BRL		mg/l	0.0075						
Selenium	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (6120579-BS1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	1.18		mg/l	0.0150	1.25		94.4	67.3-113		
Lead	1.21		mg/l	0.0075	1.25		96.8	72.8-111		
Cadmium	1.25		mg/l	0.0025	1.25		100	71.8-121		
Arsenic	1.19		mg/l	0.0150	1.25		95.2	68.7-111		
Silver	1.21		mg/l	0.0100	1.25		96.8	56.1-118		
Chromium	1.18		mg/l	0.0050	1.25		94.4	72-119		
Barium	1.28		mg/l	0.0050	1.25		102	77.1-125		
LCS Dup (6120579-BSD1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111	2.51	20
Selenium	1.15		mg/l	0.0150	1.25		92.0	67.3-113	2.58	20
Cadmium	1.22		mg/l	0.0025	1.25		97.6	71.8-121	2.43	20
Arsenic	1.16		mg/l	0.0150	1.25		92.8	68.7-111	2.55	20
Chromium	1.15		mg/l	0.0050	1.25		92.0	72-119	2.58	20
Silver	1.15		mg/l	0.0100	1.25		92.0	56.1-118	5.08	20
Barium	1.25		mg/l	0.0050	1.25		100	77.1-125	2.37	20
Duplicate (6120579-DUP1) **Source: SA55069-12**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Silver	BRL		mg/l	0.0100		BRL				20
Barium	0.0037	J	mg/l	0.0050		0.0036			2.74	20
Matrix Spike (6120579-MS1) **Source: SA55069-11**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	1.10		mg/l	0.0075	1.25	BRL	88.0	81-107		
Selenium	1.09		mg/l	0.0150	1.25	BRL	87.2	73-113		
Arsenic	1.09		mg/l	0.0150	1.25	BRL	87.2	76.7-109		
Silver	0.731	QM8	mg/l	0.0100	1.25	BRL	58.5	63.7-113		
Cadmium	1.14		mg/l	0.0025	1.25	BRL	91.2	81.1-115		
Chromium	1.07		mg/l	0.0050	1.25	BRL	85.6	83.1-112		
Barium	1.18		mg/l	0.0050	1.25	0.0118	93.5	85.6-121		
Matrix Spike Dup (6120579-MSD1) **Source: SA55069-11**										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	1.14		mg/l	0.0150	1.25	BRL	91.2	73-113	4.48	35
Lead	1.14		mg/l	0.0075	1.25	BRL	91.2	81-107	3.57	20
Arsenic	1.13		mg/l	0.0150	1.25	BRL	90.4	76.7-109	3.60	35
Cadmium	1.18		mg/l	0.0025	1.25	BRL	94.4	81.1-115	3.45	35
Chromium	1.09		mg/l	0.0050	1.25	BRL	87.2	83.1-112	1.85	35

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

* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120579 - SW846 3010A										
Matrix Spike Dup (6120579-MSD1) Source: SA55069-11										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Silver	1.11	QR7	mg/l	0.0100	1.25	BRL	88.8	63.7-113	41.2	35
Barium	1.20		mg/l	0.0050	1.25	0.0118	95.1	85.6-121	1.68	35
Post Spike (6120579-PS1) Source: SA55069-11										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	1.12		mg/l	0.0150	1.25	BRL	89.6	80-120		
Lead	1.14		mg/l	0.0075	1.25	BRL	91.2	80-120		
Arsenic	1.12		mg/l	0.0150	1.25	BRL	89.6	80-120		
Silver	1.09		mg/l	0.0100	1.25	BRL	87.2	80-120		
Cadmium	1.18		mg/l	0.0025	1.25	BRL	94.4	80-120		
Chromium	1.09		mg/l	0.0050	1.25	BRL	87.2	80-120		
Barium	1.20		mg/l	0.0050	1.25	0.0118	95.1	80-120		
Batch 6120581 - EPA200/SW7000 Series										
Blank (6120581-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6120581-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.00244		mg/l	0.00040	0.00250		97.6	65.5-119		
Duplicate (6120581-DUP1) Source: SA55069-12										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				20
Matrix Spike (6120581-MS1) Source: SA55069-11										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.00235		mg/l	0.00040	0.00250	BRL	94.0	62.8-125		
Matrix Spike Dup (6120581-MSD1) Source: SA55069-11										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.00247		mg/l	0.00040	0.00250	BRL	98.8	62.8-125	4.98	20
Post Spike (6120581-PS1) Source: SA55069-11										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.00191		mg/l	0.00040	0.00250	BRL	76.4	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120482 - General Preparation										
Duplicate (6120482-DUP1) Source: SA55061-01										
Prepared & Analyzed: 07-Dec-06										
% Solids	88.8		%			91.0			2.45	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.
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.
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
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

SA 55069 m

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: 12/11/06
- 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

Invoice To: CTDOT - DAS Contract
c/o LES

RUSH ORDER # 1528

P.O. No.: _____ RQN: _____

Project No.: 171-303
Site Name: Busway - Flatbush Breakout
Location: Hartford - W. Hartford 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

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

	Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	CT ETPH	SVOCs - 8270 Base Neutrals	Total RCRA 8 Metals	SPLP RCRA 8 Metals			
SA55069-01		569-5 2'-4'	12-4-06		C	SO		3	1				X	X	X	X	X			
02		569-6 2'-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓			
03		569-11 4'-8'																		
04		569-14 2'-4'																		
05		569-14 4'-8'																		
06		569-15 2'-4'																		
07		569-16 2'-4'																		
08		569-16 4'-8'																		
09		569-17 4'-8'																		
10		569-18 2'-4'	↓		↓	↓		↓	↓				↓	↓	↓	↓	↓			

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 2.3 C
cooler

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/5/06	10:43 am
[signature]	[signature]	12-5-06	16 35

1 · SAS5069

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: 12-11-06
- 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. Shulk - Maguire Group Inc

Invoice To: CTDOT - DAS Contract c/o LES
RUSH ORDER # 1528
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - Flatbush Breakout
Location: Hartford + W. Hartford State: CT
Sampler(s): C. Knight / C. Crescuolo

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	CT ETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals				QA Reporting Notes: (check if needed)
SAS5069-11	569-19 2'-4'	12-4-06		C	SO		3	1				X	X	X	X	X				RDEC
12	569-20 2'-4'	↓		C	SO		3	1				↓	↓	↓	↓	X				
13	569-16 GW	↓		G	GW		3	2		1		↓	↓	↓	↓					
14	FB-1	↓			X1		3	2		1		↓	↓	↓	↓					
15	TB-1	↓			X1		1					↓								

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

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 2-3C
COOLER

Relinquished by:	Received by:	Date:	Time:
[signature] DEC	[signature] DEC	12/5/06	10:43AM
	[signature]	12-5-06	1635

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2 SA55134-13	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	11-Dec-06	11-Dec-06	6120749	jro
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
FB-2 SA55134-13	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06

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	11-Dec-06	11-Dec-06	6120749	jro
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*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.7*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*87.3*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.7*		*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	08-Dec-06	11-Dec-06	6120531	JD
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*	*96.1*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.606	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-2	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06
SA55134-13				

Semivolatile Organic Compounds by GCMS

Base Neutrals by SW846 8270C

Prepared by method SW846 3510C

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
208-96-8	Acenaphthylene	BRL		µg/l	0.606	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
120-12-7	Anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	0.606	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	0.606	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.606	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.606	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	0.606	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	0.606	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	0.606	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	0.606	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	0.606	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	0.606	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	0.606	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.606	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.606	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	0.606	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	0.606	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	0.606	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	0.606	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	0.606	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.606	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.606	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.606	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	0.606	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	0.606	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.606	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	0.606	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.606	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	0.606	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	0.606	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	0.606	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	0.606	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.606	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
FB-2 SA55134-13	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Base Neutrals by SW846 8270C											
Prepared by method SW846 3510C											
129-00-0	Pyrene	BRL		µg/l	0.606	1	SW846 8270C	07-Dec-06	12-Dec-06	6120406	M.B
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*51.0*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*53.8*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54.5*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52.1*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*51.8*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50.7*		*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	"	13-Dec-06	"	"
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*	*42.9*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*46.4*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	08-Dec-06	10-Dec-06	6120420	LR
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	BRL		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	"	"	"	"	"
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
Total Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	08-Dec-06	08-Dec-06	6120460	YP

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-2 SA55134-14	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B	11-Dec-06	11-Dec-06	6120749	jro
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-2 SA55134-14	171-305	Blank Water	05-Dec-06 00:00	06-Dec-06

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	11-Dec-06	11-Dec-06	6120749	jro
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*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*86.7*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95.7*		*70-130 %*			"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Blank (6120481-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
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						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Blank (6120481-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
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	*56.1*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*56.0*		µg/kg wet		*50.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (6120481-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.1		µg/kg wet		20.0		90.5	70-130		
Acetone	8.6		µg/kg wet		20.0		43.0	3.31-159		
Acrylonitrile	15.1		µg/kg wet		20.0		75.5	70-130		
Benzene	17.5		µg/kg wet		20.0		87.5	70-130		
Bromobenzene	20.3		µg/kg wet		20.0		102	70-130		
Bromochloromethane	19.6		µg/kg wet		20.0		98.0	70-130		
Bromodichloromethane	17.9		µg/kg wet		20.0		89.5	70-130		
Bromoform	20.2		µg/kg wet		20.0		101	70-130		
Bromomethane	16.8		µg/kg wet		20.0		84.0	50-140		
2-Butanone (MEK)	11.5		µg/kg wet		20.0		57.5	47.7-127		
n-Butylbenzene	18.5		µg/kg wet		20.0		92.5	70-130		
sec-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Carbon disulfide	16.3		µg/kg wet		20.0		81.5	70-130		
Carbon tetrachloride	17.6		µg/kg wet		20.0		88.0	70-130		
Chlorobenzene	19.2		µg/kg wet		20.0		96.0	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89.0	55.9-135		
Chloroform	16.2		µg/kg wet		20.0		81.0	70-130		
Chloromethane	14.0		µg/kg wet		20.0		70.0	70-130		
2-Chlorotoluene	21.1		µg/kg wet		20.0		106	70-130		
4-Chlorotoluene	20.7		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	18.0		µg/kg wet		20.0		90.0	70-130		
Dibromochloromethane	19.0		µg/kg wet		20.0		95.0	72-125		
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95.0	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93.0	70-130		
1,2-Dichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
LCS (6120481-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,3-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,4-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
Dichlorodifluoromethane (Freon12)	15.3		µg/kg wet		20.0		76.5	42.3-190		
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82.0	70-130		
1,2-Dichloroethane	15.9		µg/kg wet		20.0		79.5	70-130		
1,1-Dichloroethene	16.6		µg/kg wet		20.0		83.0	70-130		
cis-1,2-Dichloroethene	19.6		µg/kg wet		20.0		98.0	70-130		
trans-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92.5	70-130		
1,2-Dichloropropane	18.3		µg/kg wet		20.0		91.5	70-130		
1,3-Dichloropropane	18.5		µg/kg wet		20.0		92.5	70-130		
2,2-Dichloropropane	17.1		µg/kg wet		20.0		85.5	70-130		
1,1-Dichloropropene	18.2		µg/kg wet		20.0		91.0	70-130		
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96.5	70-130		
trans-1,3-Dichloropropene	19.9		µg/kg wet		20.0		99.5	70-130		
Ethylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
Hexachlorobutadiene	18.7		µg/kg wet		20.0		93.5	70-137		
2-Hexanone (MBK)	12.6	QC1	µg/kg wet		20.0		63.0	70-130		
Isopropylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
4-Isopropyltoluene	19.1		µg/kg wet		20.0		95.5	70-130		
Methyl tert-butyl ether	17.7		µg/kg wet		20.0		88.5	70-130		
4-Methyl-2-pentanone (MIBK)	15.2		µg/kg wet		20.0		76.0	48.5-127		
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130		
Naphthalene	22.6		µg/kg wet		20.0		113	70-130		
n-Propylbenzene	21.5		µg/kg wet		20.0		108	70-130		
Styrene	19.6		µg/kg wet		20.0		98.0	70-130		
1,1,1,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130		
1,1,2,2-Tetrachloroethane	21.4		µg/kg wet		20.0		107	70-130		
Tetrachloroethene	17.8		µg/kg wet		20.0		89.0	70-130		
Toluene	17.0		µg/kg wet		20.0		85.0	70-130		
1,2,3-Trichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
1,2,4-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	17.1		µg/kg wet		20.0		85.5	70-130		
1,1,2-Trichloroethane	19.4		µg/kg wet		20.0		97.0	70-130		
Trichloroethene	17.2		µg/kg wet		20.0		86.0	70-130		
Trichlorofluoromethane (Freon 11)	16.3		µg/kg wet		20.0		81.5	66.5-144		
1,2,3-Trichloropropane	22.3		µg/kg wet		20.0		112	70-130		
1,2,4-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.5		µg/kg wet		20.0		102	70-130		
Vinyl chloride	16.5		µg/kg wet		20.0		82.5	70-130		
m,p-Xylene	39.9		µg/kg wet		40.0		99.8	70-130		
o-Xylene	21.9		µg/kg wet		20.0		110	70-130		
Tetrahydrofuran	15.2		µg/kg wet		20.0		76.0	70-130		
Ethyl ether	18.2		µg/kg wet		20.0		91.0	64.9-123		
Tert-amyl methyl ether	17.2		µg/kg wet		20.0		86.0	70-130		
Ethyl tert-butyl ether	18.0		µg/kg wet		20.0		90.0	70-130		
Di-isopropyl ether	14.6		µg/kg wet		20.0		73.0	70-130		
Tert-Butanol / butyl alcohol	143		µg/kg wet		200		71.5	70-130		
1,4-Dioxane	190		µg/kg wet		200		95.0	40-134		
Surrogate: 4-Bromofluorobenzene	*54.2*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/kg wet		*50.0*		*96.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.6*		µg/kg wet		*50.0*		*99.2*	*70-130*		
LCS Dup (6120481-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		94.5	70-130	4.32	25
Acetone	8.2		µg/kg wet		20.0		41.0	3.31-159	4.76	50
Acrylonitrile	15.8		µg/kg wet		20.0		79.0	70-130	4.53	25
Benzene	18.6		µg/kg wet		20.0		93.0	70-130	6.09	25
Bromobenzene	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Bromochloromethane	18.2		µg/kg wet		20.0		91.0	70-130	7.41	25
Bromodichloromethane	18.2		µg/kg wet		20.0		91.0	70-130	1.66	25
Bromoform	20.0		µg/kg wet		20.0		100	70-130	0.995	25
Bromomethane	15.6		µg/kg wet		20.0		78.0	50-140	7.41	50
2-Butanone (MEK)	12.4		µg/kg wet		20.0		62.0	47.7-127	7.53	50
n-Butylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	4.75	25
sec-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	1.94	25
tert-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130	0.930	25
Carbon disulfide	17.0		µg/kg wet		20.0		85.0	70-130	4.20	25
Carbon tetrachloride	17.4		µg/kg wet		20.0		87.0	70-130	1.14	25
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130	4.08	25
Chloroethane	17.9		µg/kg wet		20.0		89.5	55.9-135	0.560	50
Chloroform	16.8		µg/kg wet		20.0		84.0	70-130	3.64	25
Chloromethane	14.1		µg/kg wet		20.0		70.5	70-130	0.712	25
2-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130	1.90	25
4-Chlorotoluene	20.3		µg/kg wet		20.0		102	70-130	1.94	25
1,2-Dibromo-3-chloropropane	16.2		µg/kg wet		20.0		81.0	70-130	10.5	25
Dibromochloromethane	18.8		µg/kg wet		20.0		94.0	72-125	1.06	50
1,2-Dibromoethane (EDB)	19.7		µg/kg wet		20.0		98.5	70-130	3.62	25
Dibromomethane	18.0		µg/kg wet		20.0		90.0	70-130	3.28	25
1,2-Dichlorobenzene	19.7		µg/kg wet		20.0		98.5	70-130	0.509	25
1,3-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	0.00	25
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130	3.96	25
Dichlorodifluoromethane (Freon12)	18.7		µg/kg wet		20.0		93.5	42.3-190	20.0	50
1,1-Dichloroethane	17.2		µg/kg wet		20.0		86.0	70-130	4.76	25
1,2-Dichloroethane	16.1		µg/kg wet		20.0		80.5	70-130	1.25	25
1,1-Dichloroethene	16.2		µg/kg wet		20.0		81.0	70-130	2.44	25
cis-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94.5	70-130	3.64	25
trans-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91.0	70-130	1.63	25
1,2-Dichloropropane	18.4		µg/kg wet		20.0		92.0	70-130	0.545	25
1,3-Dichloropropane	20.6		µg/kg wet		20.0		103	70-130	10.7	25
2,2-Dichloropropane	17.4		µg/kg wet		20.0		87.0	70-130	1.74	25
1,1-Dichloropropene	18.1		µg/kg wet		20.0		90.5	70-130	0.551	25
cis-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	3.56	25
trans-1,3-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	0.501	25
Ethylbenzene	19.5		µg/kg wet		20.0		97.5	70-130	2.07	25
Hexachlorobutadiene	19.5		µg/kg wet		20.0		97.5	70-137	4.19	50
2-Hexanone (MBK)	14.8		µg/kg wet		20.0		74.0	70-130	16.1	25
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130	1.56	25
4-Isopropyltoluene	20.0		µg/kg wet		20.0		100	70-130	4.60	25
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90.5	70-130	2.23	25
4-Methyl-2-pentanone (MIBK)	19.5		µg/kg wet		20.0		97.5	48.5-127	24.8	50
Methylene chloride	16.6		µg/kg wet		20.0		83.0	70-130	0.00	25
Naphthalene	20.8		µg/kg wet		20.0		104	70-130	8.29	25
n-Propylbenzene	21.0		µg/kg wet		20.0		105	70-130	2.82	25
Styrene	20.5		µg/kg wet		20.0		102	70-130	4.00	25
1,1,1,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	0.966	25
1,1,2,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130	1.89	25
Tetrachloroethene	18.5		µg/kg wet		20.0		92.5	70-130	3.86	25
Toluene	18.8		µg/kg wet		20.0		94.0	70-130	10.1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120481 - SW846 5035A Soil (low level)										
LCS Dup (6120481-BSD1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
1,2,3-Trichlorobenzene	19.6		µg/kg wet		20.0		98.0	70-130	9.71	25
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	1.94	25
1,1,1-Trichloroethane	17.3		µg/kg wet		20.0		86.5	70-130	1.16	25
1,1,2-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	4.04	25
Trichloroethene	17.8		µg/kg wet		20.0		89.0	70-130	3.43	25
Trichlorofluoromethane (Freon 11)	17.0		µg/kg wet		20.0		85.0	66.5-144	4.20	50
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130	0.897	25
1,2,4-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	0.966	25
1,3,5-Trimethylbenzene	20.6		µg/kg wet		20.0		103	70-130	0.976	25
Vinyl chloride	17.9		µg/kg wet		20.0		89.5	70-130	8.14	25
m,p-Xylene	39.9		µg/kg wet		40.0		99.8	70-130	0.00	25
o-Xylene	20.5		µg/kg wet		20.0		102	70-130	7.55	25
Tetrahydrofuran	15.2		µg/kg wet		20.0		76.0	70-130	0.00	25
Ethyl ether	17.9		µg/kg wet		20.0		89.5	64.9-123	1.66	50
Tert-amyl methyl ether	20.2		µg/kg wet		20.0		101	70-130	16.0	25
Ethyl tert-butyl ether	18.3		µg/kg wet		20.0		91.5	70-130	1.65	25
Di-isopropyl ether	15.2		µg/kg wet		20.0		76.0	70-130	4.03	25
Tert-Butanol / butyl alcohol	155		µg/kg wet		200		77.5	70-130	8.05	25
1,4-Dioxane	216		µg/kg wet		200		108	40-134	12.8	25
Surrogate: 4-Bromofluorobenzene	*52.9*		µg/kg wet		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.0*		µg/kg wet		*50.0*		*98.0*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Batch 6120552 - SW846 5035A Soil (low level)										
Blank (6120552-BLK1)										
Prepared & Analyzed: 08-Dec-06										
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 6120552 - SW846 5035A Soil (low level)										
Blank (6120552-BLK1)										
Prepared & Analyzed: 08-Dec-06										
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	*55.0*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/kg wet		*50.0*		*96.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*58.0*		µg/kg wet		*50.0*		*116*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS (6120552-BS1)										
Prepared & Analyzed: 08-Dec-06										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120552 - SW846 5035A Soil (low level)										
LCS (6120552-BS1)										
Prepared & Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.8		µg/kg wet		20.0		74.0	70-130		
Acetone	4.5		µg/kg wet		20.0		22.5	3.31-159		
Acrylonitrile	17.8		µg/kg wet		20.0		89.0	70-130		
Benzene	18.0		µg/kg wet		20.0		90.0	70-130		
Bromobenzene	20.7		µg/kg wet		20.0		104	70-130		
Bromochloromethane	19.7		µg/kg wet		20.0		98.5	70-130		
Bromodichloromethane	17.6		µg/kg wet		20.0		88.0	70-130		
Bromoform	22.0		µg/kg wet		20.0		110	70-130		
Bromomethane	14.1		µg/kg wet		20.0		70.5	50-140		
2-Butanone (MEK)	14.0		µg/kg wet		20.0		70.0	47.7-127		
n-Butylbenzene	17.4		µg/kg wet		20.0		87.0	70-130		
sec-Butylbenzene	19.6		µg/kg wet		20.0		98.0	70-130		
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Carbon disulfide	15.5		µg/kg wet		20.0		77.5	70-130		
Carbon tetrachloride	14.8		µg/kg wet		20.0		74.0	70-130		
Chlorobenzene	19.9		µg/kg wet		20.0		99.5	70-130		
Chloroethane	17.9		µg/kg wet		20.0		89.5	55.9-135		
Chloroform	16.6		µg/kg wet		20.0		83.0	70-130		
Chloromethane	14.1		µg/kg wet		20.0		70.5	70-130		
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130		
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		86.5	70-130		
Dibromochloromethane	17.9		µg/kg wet		20.0		89.5	72-125		
1,2-Dibromoethane (EDB)	20.3		µg/kg wet		20.0		102	70-130		
Dibromomethane	17.9		µg/kg wet		20.0		89.5	70-130		
1,2-Dichlorobenzene	19.8		µg/kg wet		20.0		99.0	70-130		
1,3-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,4-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130		
Dichlorodifluoromethane (Freon12)	15.7		µg/kg wet		20.0		78.5	42.3-190		
1,1-Dichloroethane	16.5		µg/kg wet		20.0		82.5	70-130		
1,2-Dichloroethane	16.8		µg/kg wet		20.0		84.0	70-130		
1,1-Dichloroethene	15.6		µg/kg wet		20.0		78.0	70-130		
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		95.5	70-130		
trans-1,2-Dichloroethene	16.7		µg/kg wet		20.0		83.5	70-130		
1,2-Dichloropropane	18.1		µg/kg wet		20.0		90.5	70-130		
1,3-Dichloropropane	19.6		µg/kg wet		20.0		98.0	70-130		
2,2-Dichloropropane	16.0		µg/kg wet		20.0		80.0	70-130		
1,1-Dichloropropene	17.4		µg/kg wet		20.0		87.0	70-130		
cis-1,3-Dichloropropene	19.5		µg/kg wet		20.0		97.5	70-130		
trans-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96.0	70-130		
Ethylbenzene	19.1		µg/kg wet		20.0		95.5	70-130		
Hexachlorobutadiene	17.4		µg/kg wet		20.0		87.0	70-137		
2-Hexanone (MBK)	14.6		µg/kg wet		20.0		73.0	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97.0	70-130		
4-Isopropyltoluene	18.7		µg/kg wet		20.0		93.5	70-130		
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92.5	70-130		
4-Methyl-2-pentanone (MIBK)	20.5		µg/kg wet		20.0		102	48.5-127		
Methylene chloride	16.3		µg/kg wet		20.0		81.5	70-130		
Naphthalene	23.1		µg/kg wet		20.0		116	70-130		
n-Propylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Styrene	21.3		µg/kg wet		20.0		106	70-130		
1,1,1,2-Tetrachloroethane	21.9		µg/kg wet		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	22.0		µg/kg wet		20.0		110	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120552 - SW846 5035A Soil (low level)										
LCS (6120552-BS1)										
Prepared & Analyzed: 08-Dec-06										
Tetrachloroethene	16.3		µg/kg wet		20.0		81.5	70-130		
Toluene	17.9		µg/kg wet		20.0		89.5	70-130		
1,2,3-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,2,4-Trichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,1,1-Trichloroethane	15.7		µg/kg wet		20.0		78.5	70-130		
1,1,2-Trichloroethane	19.1		µg/kg wet		20.0		95.5	70-130		
Trichloroethene	16.9		µg/kg wet		20.0		84.5	70-130		
Trichlorofluoromethane (Freon 11)	13.4		µg/kg wet		20.0		67.0	66.5-144		
1,2,3-Trichloropropane	22.2		µg/kg wet		20.0		111	70-130		
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130		
Vinyl chloride	17.1		µg/kg wet		20.0		85.5	70-130		
m,p-Xylene	41.6		µg/kg wet		40.0		104	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	16.3		µg/kg wet		20.0		81.5	70-130		
Ethyl ether	19.2		µg/kg wet		20.0		96.0	64.9-123		
Tert-amyl methyl ether	16.3		µg/kg wet		20.0		81.5	70-130		
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		94.5	70-130		
Di-isopropyl ether	15.1		µg/kg wet		20.0		75.5	70-130		
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81.0	70-130		
1,4-Dioxane	232		µg/kg wet		200		116	40-134		
Surrogate: 4-Bromofluorobenzene	*56.5*		µg/kg wet		*50.0*		*113*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.2*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*48.1*		µg/kg wet		*50.0*		*96.2*	*70-130*		
LCS Dup (6120552-BSD1)										
Prepared & Analyzed: 08-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	14.2		µg/kg wet		20.0		71.0	70-130	4.14	25
Acetone	5.9		µg/kg wet		20.0		29.5	3.31-159	26.9	50
Acrylonitrile	17.0		µg/kg wet		20.0		85.0	70-130	4.60	25
Benzene	17.0		µg/kg wet		20.0		85.0	70-130	5.71	25
Bromobenzene	19.5		µg/kg wet		20.0		97.5	70-130	6.45	25
Bromochloromethane	18.7		µg/kg wet		20.0		93.5	70-130	5.21	25
Bromodichloromethane	16.3		µg/kg wet		20.0		81.5	70-130	7.67	25
Bromoform	19.6		µg/kg wet		20.0		98.0	70-130	11.5	25
Bromomethane	13.8		µg/kg wet		20.0		69.0	50-140	2.15	50
2-Butanone (MEK)	14.8		µg/kg wet		20.0		74.0	47.7-127	5.56	50
n-Butylbenzene	15.7		µg/kg wet		20.0		78.5	70-130	10.3	25
sec-Butylbenzene	17.6		µg/kg wet		20.0		88.0	70-130	10.8	25
tert-Butylbenzene	18.5		µg/kg wet		20.0		92.5	70-130	14.5	25
Carbon disulfide	14.7		µg/kg wet		20.0		73.5	70-130	5.30	25
Carbon tetrachloride	13.4	QC1	µg/kg wet		20.0		67.0	70-130	9.93	25
Chlorobenzene	18.8		µg/kg wet		20.0		94.0	70-130	5.68	25
Chloroethane	16.2		µg/kg wet		20.0		81.0	55.9-135	9.97	50
Chloroform	15.5		µg/kg wet		20.0		77.5	70-130	6.85	25
Chloromethane	13.4	QC1	µg/kg wet		20.0		67.0	70-130	5.09	25
2-Chlorotoluene	18.7		µg/kg wet		20.0		93.5	70-130	15.3	25
4-Chlorotoluene	18.0		µg/kg wet		20.0		90.0	70-130	14.4	25
1,2-Dibromo-3-chloropropane	17.8		µg/kg wet		20.0		89.0	70-130	2.85	25
Dibromochloromethane	17.5		µg/kg wet		20.0		87.5	72-125	2.26	50
1,2-Dibromoethane (EDB)	18.6		µg/kg wet		20.0		93.0	70-130	9.23	25
Dibromomethane	17.3		µg/kg wet		20.0		86.5	70-130	3.41	25
1,2-Dichlorobenzene	18.1		µg/kg wet		20.0		90.5	70-130	8.97	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120552 - SW846 5035A Soil (low level)										
LCS Dup (6120552-BSD1)										
Prepared & Analyzed: 08-Dec-06										
1,3-Dichlorobenzene	19.0		µg/kg wet		20.0		95.0	70-130	10.0	25
1,4-Dichlorobenzene	16.8		µg/kg wet		20.0		84.0	70-130	18.4	25
Dichlorodifluoromethane (Freon12)	15.1		µg/kg wet		20.0		75.5	42.3-190	3.90	50
1,1-Dichloroethane	15.6		µg/kg wet		20.0		78.0	70-130	5.61	25
1,2-Dichloroethane	16.2		µg/kg wet		20.0		81.0	70-130	3.64	25
1,1-Dichloroethene	14.9		µg/kg wet		20.0		74.5	70-130	4.59	25
cis-1,2-Dichloroethene	17.4		µg/kg wet		20.0		87.0	70-130	9.32	25
trans-1,2-Dichloroethene	16.2		µg/kg wet		20.0		81.0	70-130	3.04	25
1,2-Dichloropropane	17.5		µg/kg wet		20.0		87.5	70-130	3.37	25
1,3-Dichloropropane	19.5		µg/kg wet		20.0		97.5	70-130	0.512	25
2,2-Dichloropropane	14.5		µg/kg wet		20.0		72.5	70-130	9.84	25
1,1-Dichloropropene	15.8		µg/kg wet		20.0		79.0	70-130	9.64	25
cis-1,3-Dichloropropene	19.0		µg/kg wet		20.0		95.0	70-130	2.60	25
trans-1,3-Dichloropropene	18.3		µg/kg wet		20.0		91.5	70-130	4.80	25
Ethylbenzene	17.5		µg/kg wet		20.0		87.5	70-130	8.74	25
Hexachlorobutadiene	15.2		µg/kg wet		20.0		76.0	70-137	13.5	50
2-Hexanone (MBK)	15.4		µg/kg wet		20.0		77.0	70-130	5.33	25
Isopropylbenzene	17.0		µg/kg wet		20.0		85.0	70-130	13.2	25
4-Isopropyltoluene	17.3		µg/kg wet		20.0		86.5	70-130	7.78	25
Methyl tert-butyl ether	17.9		µg/kg wet		20.0		89.5	70-130	3.30	25
4-Methyl-2-pentanone (MIBK)	24.6		µg/kg wet		20.0		123	48.5-127	18.7	50
Methylene chloride	15.5		µg/kg wet		20.0		77.5	70-130	5.03	25
Naphthalene	20.3		µg/kg wet		20.0		102	70-130	12.8	25
n-Propylbenzene	18.7		µg/kg wet		20.0		93.5	70-130	10.6	25
Styrene	19.2		µg/kg wet		20.0		96.0	70-130	9.90	25
1,1,1,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93.0	70-130	16.7	25
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	8.53	25
Tetrachloroethene	15.6		µg/kg wet		20.0		78.0	70-130	4.39	25
Toluene	16.6		µg/kg wet		20.0		83.0	70-130	7.54	25
1,2,3-Trichlorobenzene	18.1		µg/kg wet		20.0		90.5	70-130	16.7	25
1,2,4-Trichlorobenzene	18.7		µg/kg wet		20.0		93.5	70-130	11.6	25
1,1,1-Trichloroethane	14.8		µg/kg wet		20.0		74.0	70-130	5.90	25
1,1,2-Trichloroethane	18.9		µg/kg wet		20.0		94.5	70-130	1.05	25
Trichloroethene	15.1		µg/kg wet		20.0		75.5	70-130	11.2	25
Trichlorofluoromethane (Freon 11)	12.5	QC1	µg/kg wet		20.0		62.5	66.5-144	6.95	50
1,2,3-Trichloropropane	22.1		µg/kg wet		20.0		110	70-130	0.905	25
1,2,4-Trimethylbenzene	19.0		µg/kg wet		20.0		95.0	70-130	7.11	25
1,3,5-Trimethylbenzene	18.2		µg/kg wet		20.0		91.0	70-130	9.42	25
Vinyl chloride	15.4		µg/kg wet		20.0		77.0	70-130	10.5	25
m,p-Xylene	36.1		µg/kg wet		40.0		90.2	70-130	14.2	25
o-Xylene	18.9		µg/kg wet		20.0		94.5	70-130	9.57	25
Tetrahydrofuran	18.5		µg/kg wet		20.0		92.5	70-130	12.6	25
Ethyl ether	18.2		µg/kg wet		20.0		91.0	64.9-123	5.35	50
Tert-amyl methyl ether	16.5		µg/kg wet		20.0		82.5	70-130	1.22	25
Ethyl tert-butyl ether	17.8		µg/kg wet		20.0		89.0	70-130	5.99	25
Di-isopropyl ether	14.6		µg/kg wet		20.0		73.0	70-130	3.37	25
Tert-Butanol / butyl alcohol	172		µg/kg wet		200		86.0	70-130	5.99	25
1,4-Dioxane	210		µg/kg wet		200		105	40-134	9.95	25
Surrogate: 4-Bromofluorobenzene	*54.8*		µg/kg wet		*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8	*51.1*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*48.9*		µg/kg wet		*50.0*		*97.8*	*70-130*		
Batch 6120749 - SW846 5030 Water MS										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120749 - SW846 5030 Water MS										
Blank (6120749-BLK1)										
Prepared & Analyzed: 11-Dec-06										
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						
Tetrachloroethene	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120749 - SW846 5030 Water MS										
Blank (6120749-BLK1)										
Prepared & Analyzed: 11-Dec-06										
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	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/l		*30.0*		*85.7*	*70-130*		
Surrogate: Dibromofluoromethane	*28.3*		µg/l		*30.0*		*94.3*	*70-130*		
LCS (6120749-BS1)										
Prepared & Analyzed: 11-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.5		µg/l		20.0		97.5	70-130		
Acetone	16.3		µg/l		20.0		81.5	29.5-156		
Acrylonitrile	16.5		µg/l		20.0		82.5	70-130		
Benzene	18.6		µg/l		20.0		93.0	70-130		
Bromobenzene	19.7		µg/l		20.0		98.5	70-130		
Bromochloromethane	19.2		µg/l		20.0		96.0	70-130		
Bromodichloromethane	18.2		µg/l		20.0		91.0	70-130		
Bromoform	16.7		µg/l		20.0		83.5	70-130		
Bromomethane	17.7		µg/l		20.0		88.5	57.7-151		
2-Butanone (MEK)	16.8		µg/l		20.0		84.0	48.9-134		
n-Butylbenzene	17.5		µg/l		20.0		87.5	70-130		
sec-Butylbenzene	19.0		µg/l		20.0		95.0	70-130		
tert-Butylbenzene	19.5		µg/l		20.0		97.5	70-130		
Carbon disulfide	20.5		µg/l		20.0		102	70-130		
Carbon tetrachloride	18.6		µg/l		20.0		93.0	70-130		
Chlorobenzene	20.0		µg/l		20.0		100	70-130		
Chloroethane	16.7		µg/l		20.0		83.5	56.9-145		
Chloroform	18.1		µg/l		20.0		90.5	70-130		
Chloromethane	15.9		µg/l		20.0		79.5	70-130		
2-Chlorotoluene	21.5		µg/l		20.0		108	70-130		
4-Chlorotoluene	19.1		µg/l		20.0		95.5	70-130		
1,2-Dibromo-3-chloropropane	18.4		µg/l		20.0		92.0	70-130		
Dibromochloromethane	17.1		µg/l		20.0		85.5	61.5-142		
1,2-Dibromoethane (EDB)	18.4		µg/l		20.0		92.0	70-130		
Dibromomethane	18.0		µg/l		20.0		90.0	70-130		
1,2-Dichlorobenzene	20.4		µg/l		20.0		102	70-130		
1,3-Dichlorobenzene	19.3		µg/l		20.0		96.5	70-130		

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* Reportable Detection Limit BRL = Below Reporting Limit

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120749 - SW846 5030 Water MS										
LCS (6120749-BS1)										
Prepared & Analyzed: 11-Dec-06										
1,4-Dichlorobenzene	20.1		µg/l		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	16.2		µg/l		20.0		81.0	36.6-187		
1,1-Dichloroethane	18.9		µg/l		20.0		94.5	70-130		
1,2-Dichloroethane	17.2		µg/l		20.0		86.0	70-130		
1,1-Dichloroethene	17.8		µg/l		20.0		89.0	70-130		
cis-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
trans-1,2-Dichloroethene	19.5		µg/l		20.0		97.5	70-130		
1,2-Dichloropropane	18.0		µg/l		20.0		90.0	70-130		
1,3-Dichloropropane	18.5		µg/l		20.0		92.5	70-130		
2,2-Dichloropropane	19.1		µg/l		20.0		95.5	70-130		
1,1-Dichloropropene	19.1		µg/l		20.0		95.5	70-130		
cis-1,3-Dichloropropene	18.7		µg/l		20.0		93.5	70-130		
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90.0	70-130		
Ethylbenzene	19.4		µg/l		20.0		97.0	70-130		
Hexachlorobutadiene	18.6		µg/l		20.0		93.0	68.7-142		
2-Hexanone (MBK)	14.3		µg/l		20.0		71.5	56.3-131		
Isopropylbenzene	19.2		µg/l		20.0		96.0	70-130		
4-Isopropyltoluene	19.0		µg/l		20.0		95.0	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
4-Methyl-2-pentanone (MIBK)	13.2		µg/l		20.0		66.0	55.2-129		
Methylene chloride	16.8		µg/l		20.0		84.0	70-130		
Naphthalene	17.2		µg/l		20.0		86.0	70-130		
n-Propylbenzene	17.9		µg/l		20.0		89.5	70-130		
Styrene	20.4		µg/l		20.0		102	70-130		
1,1,1,2-Tetrachloroethane	19.0		µg/l		20.0		95.0	70-130		
1,1,2,2-Tetrachloroethane	18.3		µg/l		20.0		91.5	70-130		
Tetrachloroethene	17.6		µg/l		20.0		88.0	70-130		
Toluene	9.9	QC1	µg/l		20.0		49.5	70-130		
1,2,3-Trichlorobenzene	16.4		µg/l		20.0		82.0	70-130		
1,2,4-Trichlorobenzene	15.7		µg/l		20.0		78.5	70-130		
1,1,1-Trichloroethane	19.4		µg/l		20.0		97.0	70-130		
1,1,2-Trichloroethane	18.3		µg/l		20.0		91.5	70-130		
Trichloroethene	19.9		µg/l		20.0		99.5	70-130		
Trichlorofluoromethane (Freon 11)	18.2		µg/l		20.0		91.0	68-148		
1,2,3-Trichloropropane	21.2		µg/l		20.0		106	70-130		
1,2,4-Trimethylbenzene	16.7		µg/l		20.0		83.5	70-130		
1,3,5-Trimethylbenzene	17.4		µg/l		20.0		87.0	70-130		
Vinyl chloride	18.2		µg/l		20.0		91.0	70-130		
m,p-Xylene	40.8		µg/l		40.0		102	70-130		
o-Xylene	21.0		µg/l		20.0		105	70-130		
Tetrahydrofuran	15.2		µg/l		20.0		76.0	70-130		
Ethyl ether	17.6		µg/l		20.0		88.0	57.6-132		
Tert-amyl methyl ether	18.0		µg/l		20.0		90.0	70-130		
Ethyl tert-butyl ether	18.3		µg/l		20.0		91.5	70-130		
Di-isopropyl ether	15.1		µg/l		20.0		75.5	70-130		
Tert-Butanol / butyl alcohol	161		µg/l		200		80.5	70-130		
1,4-Dioxane	187		µg/l		200		93.5	45.2-132		
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/l		*30.0*		*96.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/l		*30.0*		*86.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/l		*30.0*		*98.3*	*70-130*		
LCS Dup (6120749-BSD1)										
Prepared & Analyzed: 11-Dec-06										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120749 - SW846 5030 Water MS										
LCS Dup (6120749-BSD1)										
Prepared & Analyzed: 11-Dec-06										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.2		µg/l		20.0		101	70-130	3.53	25
Acetone	14.9		µg/l		20.0		74.5	29.5-156	8.97	50
Acrylonitrile	14.9		µg/l		20.0		74.5	70-130	10.2	25
Benzene	17.9		µg/l		20.0		89.5	70-130	3.84	25
Bromobenzene	19.0		µg/l		20.0		95.0	70-130	3.62	25
Bromochloromethane	18.5		µg/l		20.0		92.5	70-130	3.71	25
Bromodichloromethane	17.5		µg/l		20.0		87.5	70-130	3.92	25
Bromoform	15.2		µg/l		20.0		76.0	70-130	9.40	25
Bromomethane	15.6		µg/l		20.0		78.0	57.7-151	12.6	50
2-Butanone (MEK)	17.7		µg/l		20.0		88.5	48.9-134	5.22	50
n-Butylbenzene	16.6		µg/l		20.0		83.0	70-130	5.28	25
sec-Butylbenzene	18.6		µg/l		20.0		93.0	70-130	2.13	25
tert-Butylbenzene	19.1		µg/l		20.0		95.5	70-130	2.07	25
Carbon disulfide	20.1		µg/l		20.0		100	70-130	1.98	25
Carbon tetrachloride	18.5		µg/l		20.0		92.5	70-130	0.539	25
Chlorobenzene	19.4		µg/l		20.0		97.0	70-130	3.05	25
Chloroethane	17.2		µg/l		20.0		86.0	56.9-145	2.95	50
Chloroform	17.7		µg/l		20.0		88.5	70-130	2.23	25
Chloromethane	15.1		µg/l		20.0		75.5	70-130	5.16	25
2-Chlorotoluene	20.2		µg/l		20.0		101	70-130	6.70	25
4-Chlorotoluene	18.8		µg/l		20.0		94.0	70-130	1.58	25
1,2-Dibromo-3-chloropropane	16.6		µg/l		20.0		83.0	70-130	10.3	25
Dibromochloromethane	16.3		µg/l		20.0		81.5	61.5-142	4.79	50
1,2-Dibromoethane (EDB)	17.4		µg/l		20.0		87.0	70-130	5.59	25
Dibromomethane	17.4		µg/l		20.0		87.0	70-130	3.39	25
1,2-Dichlorobenzene	19.4		µg/l		20.0		97.0	70-130	5.03	25
1,3-Dichlorobenzene	18.8		µg/l		20.0		94.0	70-130	2.62	25
1,4-Dichlorobenzene	19.6		µg/l		20.0		98.0	70-130	2.02	25
Dichlorodifluoromethane (Freon12)	18.4		µg/l		20.0		92.0	36.6-187	12.7	50
1,1-Dichloroethane	17.9		µg/l		20.0		89.5	70-130	5.43	25
1,2-Dichloroethane	16.4		µg/l		20.0		82.0	70-130	4.76	25
1,1-Dichloroethene	17.5		µg/l		20.0		87.5	70-130	1.70	25
cis-1,2-Dichloroethene	19.0		µg/l		20.0		95.0	70-130	5.13	25
trans-1,2-Dichloroethene	19.0		µg/l		20.0		95.0	70-130	2.60	25
1,2-Dichloropropane	17.1		µg/l		20.0		85.5	70-130	5.13	25
1,3-Dichloropropane	17.7		µg/l		20.0		88.5	70-130	4.42	25
2,2-Dichloropropane	18.4		µg/l		20.0		92.0	70-130	3.73	25
1,1-Dichloropropene	18.5		µg/l		20.0		92.5	70-130	3.19	25
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	70-130	4.93	25
trans-1,3-Dichloropropene	17.4		µg/l		20.0		87.0	70-130	3.39	25
Ethylbenzene	18.7		µg/l		20.0		93.5	70-130	3.67	25
Hexachlorobutadiene	18.0		µg/l		20.0		90.0	68.7-142	3.28	50
2-Hexanone (MBK)	13.1		µg/l		20.0		65.5	56.3-131	8.76	25
Isopropylbenzene	18.9		µg/l		20.0		94.5	70-130	1.57	25
4-Isopropyltoluene	18.5		µg/l		20.0		92.5	70-130	2.67	25
Methyl tert-butyl ether	17.8		µg/l		20.0		89.0	70-130	4.40	25
4-Methyl-2-pentanone (MIBK)	12.0		µg/l		20.0		60.0	55.2-129	9.52	50
Methylene chloride	15.6		µg/l		20.0		78.0	70-130	7.41	25
Naphthalene	15.6		µg/l		20.0		78.0	70-130	9.76	25
n-Propylbenzene	18.1		µg/l		20.0		90.5	70-130	1.11	25
Styrene	19.5		µg/l		20.0		97.5	70-130	4.51	25
1,1,1,2-Tetrachloroethane	18.0		µg/l		20.0		90.0	70-130	5.41	25
1,1,2,2-Tetrachloroethane	17.0		µg/l		20.0		85.0	70-130	7.37	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120749 - SW846 5030 Water MS										
LCS Dup (6120749-BSD1)										
Prepared & Analyzed: 11-Dec-06										
Tetrachloroethene	17.6		µg/l		20.0		88.0	70-130	0.00	25
Toluene	17.6	QR5	µg/l		20.0		88.0	70-130	56.0	25
1,2,3-Trichlorobenzene	14.9		µg/l		20.0		74.5	70-130	9.58	25
1,2,4-Trichlorobenzene	14.6		µg/l		20.0		73.0	70-130	7.26	25
1,1,1-Trichloroethane	18.7		µg/l		20.0		93.5	70-130	3.67	25
1,1,2-Trichloroethane	17.3		µg/l		20.0		86.5	70-130	5.62	25
Trichloroethene	18.2		µg/l		20.0		91.0	70-130	8.92	25
Trichlorofluoromethane (Freon 11)	18.5		µg/l		20.0		92.5	68-148	1.63	50
1,2,3-Trichloropropane	19.7		µg/l		20.0		98.5	70-130	7.33	25
1,2,4-Trimethylbenzene	16.5		µg/l		20.0		82.5	70-130	1.20	25
1,3,5-Trimethylbenzene	17.0		µg/l		20.0		85.0	70-130	2.33	25
Vinyl chloride	17.4		µg/l		20.0		87.0	70-130	4.49	25
m,p-Xylene	39.8		µg/l		40.0		99.5	70-130	2.48	25
o-Xylene	20.6		µg/l		20.0		103	70-130	1.92	25
Tetrahydrofuran	13.6	QC1	µg/l		20.0		68.0	70-130	11.1	25
Ethyl ether	16.4		µg/l		20.0		82.0	57.6-132	7.06	50
Tert-amyl methyl ether	17.3		µg/l		20.0		86.5	70-130	3.97	25
Ethyl tert-butyl ether	17.6		µg/l		20.0		88.0	70-130	3.90	25
Di-isopropyl ether	14.7		µg/l		20.0		73.5	70-130	2.68	25
Tert-Butanol / butyl alcohol	142		µg/l		200		71.0	70-130	12.5	25
1,4-Dioxane	172		µg/l		200		86.0	45.2-132	8.36	25
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/l		*30.0*		*86.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.4*		µg/l		*30.0*		*98.0*	*70-130*		
Matrix Spike (6120749-MS1) **Source: SA55317-03**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Benzene	15.4		µg/l		20.0	BRL	77.0	70-130		
Chlorobenzene	18.3		µg/l		20.0	BRL	91.5	70-130		
1,1-Dichloroethene	12.6	QM7	µg/l		20.0	BRL	63.0	70-130		
Toluene	15.4		µg/l		20.0	BRL	77.0	70-130		
Trichloroethene	15.6		µg/l		20.0	BRL	78.0	70-130		
Surrogate: 4-Bromofluorobenzene	*32.5*		µg/l		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/l		*30.0*		*96.7*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/l		*30.0*		*91.0*	*70-130*		
Surrogate: Dibromofluoromethane	*29.7*		µg/l		*30.0*		*99.0*	*70-130*		
Matrix Spike Dup (6120749-MSD1) **Source: SA55317-03**										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Benzene	15.0		µg/l		20.0	BRL	75.0	70-130	2.63	30
Chlorobenzene	18.1		µg/l		20.0	BRL	90.5	70-130	1.10	30
1,1-Dichloroethene	11.5	QM7	µg/l		20.0	BRL	57.5	70-130	9.13	30
Toluene	8.2	QM7	µg/l		20.0	BRL	41.0	70-130	61.0	30
Trichloroethene	15.7		µg/l		20.0	BRL	78.5	70-130	0.639	30
Surrogate: 4-Bromofluorobenzene	*32.6*		µg/l		*30.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*29.1*		µg/l		*30.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/l		*30.0*		*96.3*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120408 - SW846 3550B										
Blank (6120408-BLK1)										
Prepared & Analyzed: 07-Dec-06										
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	*3.11*		mg/kg wet		*3.33*		*93.4*	*40-140*		
LCS (6120408-BS1)										
Prepared & Analyzed: 07-Dec-06										
C9-C36 Aliphatic Hydrocarbons	78.8		mg/kg wet	13.3	93.3		84.5	60-120		
Surrogate: 1-Chlorooctadecane	*3.10*		mg/kg wet		*3.33*		*93.1*	*60-120*		
Batch 6120531 - SW846 3510C										
Blank (6120531-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
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	*0.0529*		mg/l		*0.0500*		*106*	*40-140*		
LCS (6120531-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	60-120		
Surrogate: 1-Chlorooctadecane	*0.0511*		mg/l		*0.0500*		*102*	*60-120*		
Batch 6120538 - SW846 3550B										
Blank (6120538-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
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	*3.18*		mg/kg wet		*3.33*		*95.5*	*40-140*		
LCS (6120538-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120538 - SW846 3550B										
LCS (6120538-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	98.3		mg/kg wet	13.3	93.3		105	60-120		
Surrogate: 1-Chlorooctadecane	*2.88*		mg/kg wet		*3.33*		*86.5*	*60-120*		
Duplicate (6120538-DUP1)	**Source: SA55228-03**									
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Gasoline	BRL		mg/kg dry	36.1		BRL				50
Fuel Oil #2	BRL		mg/kg dry	36.1		BRL				50
Fuel Oil #4	BRL		mg/kg dry	36.1		BRL				50
Fuel Oil #6	BRL		mg/kg dry	36.1		BRL				50
Motor Oil	BRL		mg/kg dry	36.1		BRL				50
Aviation Fuel	BRL		mg/kg dry	36.1		BRL				50
Unidentified	BRL		mg/kg dry	36.1		BRL				50
Other Oil	BRL		mg/kg dry	36.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.1		BRL				50
Surrogate: 1-Chlorooctadecane	*3.87*		mg/kg dry		*4.52*		*85.6*	*40-140*		
Matrix Spike (6120538-MS1)	**Source: SA55228-03**									
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	113		mg/kg dry	17.6	124	BRL	91.1	50-150		
Surrogate: 1-Chlorooctadecane	*4.05*		mg/kg dry		*4.42*		*91.6*	*40-140*		
Matrix Spike Dup (6120538-MSD1)	**Source: SA55228-03**									
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
C9-C36 Aliphatic Hydrocarbons	125		mg/kg dry	17.8	125	BRL	100	50-150	9.31	30
Surrogate: 1-Chlorooctadecane	*4.43*		mg/kg dry		*4.47*		*99.1*	*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 6120411 - SW846 3545A										
Blank (6120411-BLK1)										
Prepared & Analyzed: 07-Dec-06										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.3*		µg/kg wet		*28.6*		*85.0*	*30-150*		
LCS (6120411-BS1)										
Prepared & Analyzed: 07-Dec-06										
PCB 1016	366		µg/kg wet	28.6	357		103	40-140		
PCB 1260	403		µg/kg wet	28.6	357		113	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*94.8*	*30-150*		
LCS Dup (6120411-BSD1)										
Prepared & Analyzed: 07-Dec-06										
PCB 1016	369		µg/kg wet	28.6	357		103	40-140	0.00	30
PCB 1260	401		µg/kg wet	28.6	357		112	40-140	0.889	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg wet		*28.6*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*89.9*	*30-150*		
Duplicate (6120411-DUP1)	**Source: SA55142-03**									
Prepared & Analyzed: 07-Dec-06										
PCB 1016	BRL		µg/kg dry	31.5		BRL				40
PCB 1221	BRL		µg/kg dry	31.5		BRL				40
PCB 1232	BRL		µg/kg dry	31.5		BRL				40
PCB 1242	BRL		µg/kg dry	31.5		BRL				40
PCB 1248	BRL		µg/kg dry	31.5		BRL				40
PCB 1254	BRL		µg/kg dry	31.5		BRL				40
PCB 1260	BRL		µg/kg dry	31.5		BRL				40
PCB 1262	BRL		µg/kg dry	31.5		BRL				40
PCB 1268	BRL		µg/kg dry	31.5		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.4*		µg/kg dry		*31.4*		*65.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*34.6*		µg/kg dry		*31.4*		*110*	*30-150*		
Matrix Spike (6120411-MS1)	**Source: SA55142-03**									
Prepared & Analyzed: 07-Dec-06										
PCB 1016	355		µg/kg dry	31.5	393	BRL	90.3	40-140		
PCB 1260	406		µg/kg dry	31.5	393	BRL	103	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.6*		µg/kg dry		*31.5*		*74.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*33.0*		µg/kg dry		*31.5*		*105*	*30-150*		
Matrix Spike Dup (6120411-MSD1)	**Source: SA55142-03**									
Prepared & Analyzed: 07-Dec-06										
PCB 1016	380		µg/kg dry	31.4	392	BRL	96.9	40-140	7.05	50
PCB 1260	449		µg/kg dry	31.4	392	BRL	115	40-140	11.0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.5*		µg/kg dry		*31.4*		*74.8*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*37.6*		µg/kg dry		*31.4*		*120*	*30-150*		
Batch 6120413 - SW846 3550B										
Blank (6120413-BLK1)										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120413 - SW846 3550B										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
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)	*17.6*		µg/kg wet		*28.6*		*61.5*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.4*		µg/kg wet		*28.6*		*106*	*30-150*		
LCS (6120413-BS1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Aldrin	19.4		µg/kg wet	14.3	28.6		67.8	40-140		
a-BHC	19.5		µg/kg wet	14.3	28.6		68.2	40-140		
b-BHC	20.6		µg/kg wet	14.3	28.6		72.0	40-140		
d-BHC	12.3		µg/kg wet	14.3	28.6		43.0	40-140		
g-BHC (Lindane)	19.8		µg/kg wet	14.3	28.6		69.2	40-140		
4,4-DDD (p,p')	20.8		µg/kg wet	14.3	28.6		72.7	40-140		
4,4-DDE (p,p')	19.5		µg/kg wet	14.3	28.6		68.2	40-140		
4,4-DDT (p,p')	17.3		µg/kg wet	14.3	28.6		60.5	40-140		
Dieldrin	19.0		µg/kg wet	14.3	28.6		66.4	40-140		
Endosulfan I	12.3		µg/kg wet	14.3	28.6		43.0	40-140		
Endosulfan II	14.8		µg/kg wet	14.3	28.6		51.7	40-140		
Endosulfan Sulfate	23.1		µg/kg wet	14.3	28.6		80.8	40-140		
Endrin	17.9		µg/kg wet	14.3	28.6		62.6	40-140		
Endrin Aldehyde	22.6		µg/kg wet	14.3	28.6		79.0	40-140		
Heptachlor	20.4		µg/kg wet	14.3	28.6		71.3	40-140		
Methoxychlor	20.4		µg/kg wet	14.3	28.6		71.3	40-140		
Heptachlor Epoxide	21.5		µg/kg wet	14.3	28.6		75.2	40-140		
a-Chlordane	20.7		µg/kg wet	14.3	28.6		72.4	40-140		
g-Chlordane	21.6		µg/kg wet	14.3	28.6		75.5	40-140		
Endrin Ketone	23.9		µg/kg wet	14.3	28.6		83.6	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.3*		µg/kg wet		*28.6*		*64.0*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*30.7*		µg/kg wet		*28.6*		*107*	*40-140*		
LCS Dup (6120413-BSD1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Aldrin	22.0		µg/kg wet	14.3	28.6		76.9	40-140	12.6	30
a-BHC	20.6		µg/kg wet	14.3	28.6		72.0	40-140	5.42	30
b-BHC	24.5		µg/kg wet	14.3	28.6		85.7	40-140	17.4	30
d-BHC	11.6		µg/kg wet	14.3	28.6		40.6	40-140	5.74	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 6120413 - SW846 3550B										
LCS Dup (6120413-BSD1)										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
g-BHC (Lindane)	21.8		µg/kg wet	14.3	28.6		76.2	40-140	9.63	30
4,4-DDD (p,p')	23.2		µg/kg wet	14.3	28.6		81.1	40-140	10.9	30
4,4-DDE (p,p')	23.6		µg/kg wet	14.3	28.6		82.5	40-140	19.0	30
4,4-DDT (p,p')	21.5		µg/kg wet	14.3	28.6		75.2	40-140	21.7	30
Dieldrin	22.5		µg/kg wet	14.3	28.6		78.7	40-140	17.0	30
Endosulfan I	11.9		µg/kg wet	14.3	28.6		41.6	40-140	3.31	30
Endosulfan II	15.6		µg/kg wet	14.3	28.6		54.5	40-140	5.27	30
Endosulfan Sulfate	26.9		µg/kg wet	14.3	28.6		94.1	40-140	15.2	30
Endrin	20.1		µg/kg wet	14.3	28.6		70.3	40-140	11.6	30
Endrin Aldehyde	24.6		µg/kg wet	14.3	28.6		86.0	40-140	8.48	30
Heptachlor	22.1		µg/kg wet	14.3	28.6		77.3	40-140	8.08	30
Methoxychlor	23.2		µg/kg wet	14.3	28.6		81.1	40-140	12.9	30
Heptachlor Epoxide	22.4		µg/kg wet	14.3	28.6		78.3	40-140	4.04	30
a-Chlordane	22.9		µg/kg wet	14.3	28.6		80.1	40-140	10.1	30
g-Chlordane	23.8		µg/kg wet	14.3	28.6		83.2	40-140	9.70	30
Endrin Ketone	27.8		µg/kg wet	14.3	28.6		97.2	40-140	15.0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.8*		µg/kg wet		*28.6*		*69.2*	*40-140*		
Surrogate: Decachlorobiphenyl (Sr)	*37.1*		µg/kg wet		*28.6*		*130*	*40-140*		
Duplicate (6120413-DUP1) **Source: SA55105-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Aldrin	BRL		µg/kg dry	16.7		BRL				30
a-BHC	BRL		µg/kg dry	16.7		BRL				30
b-BHC	BRL		µg/kg dry	16.7		BRL				30
d-BHC	BRL		µg/kg dry	16.7		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	16.7		BRL				30
Chlordane	BRL		µg/kg dry	83.3		BRL				30
4,4-DDD (p,p')	BRL		µg/kg dry	16.7		BRL				30
4,4-DDE (p,p')	BRL		µg/kg dry	16.7		BRL				30
4,4-DDT (p,p')	BRL		µg/kg dry	16.7		BRL				30
Dieldrin	BRL		µg/kg dry	16.7		BRL				30
Endosulfan I	BRL		µg/kg dry	16.7		BRL				30
Endosulfan II	BRL		µg/kg dry	16.7		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	16.7		BRL				30
Endrin	BRL		µg/kg dry	16.7		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	16.7		BRL				30
Heptachlor	BRL		µg/kg dry	16.7		BRL				30
Methoxychlor	BRL		µg/kg dry	16.7		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	16.7		BRL				30
Toxaphene	BRL		µg/kg dry	83.3		BRL				30
a-Chlordane	BRL		µg/kg dry	16.7		BRL				30
g-Chlordane	BRL		µg/kg dry	16.7		BRL				30
Endrin Ketone	BRL		µg/kg dry	16.7		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.6*		µg/kg dry		*33.3*		*67.9*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*32.0*		µg/kg dry		*33.3*		*96.1*	*30-150*		
Matrix Spike (6120413-MS1) **Source: SA55105-01**										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Aldrin	26.0		µg/kg dry	16.7	33.4	BRL	77.8	30-150		
a-BHC	25.3		µg/kg dry	16.7	33.4	BRL	75.7	30-150		
b-BHC	29.2		µg/kg dry	16.7	33.4	BRL	87.4	30-150		
d-BHC	14.7		µg/kg dry	16.7	33.4	BRL	44.0	30-150		
g-BHC (Lindane)	28.7		µg/kg dry	16.7	33.4	BRL	85.9	30-150		
4,4-DDD (p,p')	28.8		µg/kg dry	16.7	33.4	BRL	86.2	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 6120413 - SW846 3550B										
Matrix Spike (6120413-MS1) Source: SA55105-01										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
4,4-DDE (p,p')	29.1		µg/kg dry	16.7	33.4	BRL	87.1	30-150		
4,4-DDT (p,p')	37.2		µg/kg dry	16.7	33.4	BRL	111	30-150		
Dieldrin	30.9		µg/kg dry	16.7	33.4	BRL	92.5	30-150		
Endosulfan I	17.6		µg/kg dry	16.7	33.4	BRL	52.7	30-150		
Endosulfan II	22.5		µg/kg dry	16.7	33.4	BRL	67.4	30-150		
Endosulfan Sulfate	33.1		µg/kg dry	16.7	33.4	BRL	99.1	30-150		
Endrin	31.9		µg/kg dry	16.7	33.4	BRL	95.5	30-150		
Endrin Aldehyde	35.3		µg/kg dry	16.7	33.4	BRL	106	30-150		
Heptachlor	27.9		µg/kg dry	16.7	33.4	BRL	83.5	30-150		
Methoxychlor	31.9		µg/kg dry	16.7	33.4	BRL	95.5	30-150		
Heptachlor Epoxide	31.5		µg/kg dry	16.7	33.4	BRL	94.3	30-150		
a-Chlordane	28.8		µg/kg dry	16.7	33.4	BRL	86.2	30-150		
g-Chlordane	43.0		µg/kg dry	16.7	33.4	BRL	129	30-150		
Endrin Ketone	32.0		µg/kg dry	16.7	33.4	BRL	95.8	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.6*		µg/kg dry		*33.4*		*70.7*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.1*		µg/kg dry		*33.4*		*90.1*	*30-150*		
Matrix Spike Dup (6120413-MSD1) Source: SA55105-01										
Prepared: 07-Dec-06 Analyzed: 08-Dec-06										
Aldrin	26.7		µg/kg dry	16.6	33.2	BRL	80.4	30-150	3.29	30
a-BHC	25.1		µg/kg dry	16.6	33.2	BRL	75.6	30-150	0.132	30
b-BHC	30.5		µg/kg dry	16.6	33.2	BRL	91.9	30-150	5.02	30
d-BHC	15.5		µg/kg dry	16.6	33.2	BRL	46.7	30-150	5.95	30
g-BHC (Lindane)	28.5		µg/kg dry	16.6	33.2	BRL	85.8	30-150	0.116	30
4,4-DDD (p,p')	27.4		µg/kg dry	16.6	33.2	BRL	82.5	30-150	4.39	30
4,4-DDE (p,p')	30.7		µg/kg dry	16.6	33.2	BRL	92.5	30-150	6.01	30
4,4-DDT (p,p')	40.0		µg/kg dry	16.6	33.2	BRL	120	30-150	7.79	30
Dieldrin	29.6		µg/kg dry	16.6	33.2	BRL	89.2	30-150	3.63	30
Endosulfan I	16.8		µg/kg dry	16.6	33.2	BRL	50.6	30-150	4.07	30
Endosulfan II	20.7		µg/kg dry	16.6	33.2	BRL	62.3	30-150	7.86	30
Endosulfan Sulfate	33.3		µg/kg dry	16.6	33.2	BRL	100	30-150	0.904	30
Endrin	30.2		µg/kg dry	16.6	33.2	BRL	91.0	30-150	4.83	30
Endrin Aldehyde	37.9		µg/kg dry	16.6	33.2	BRL	114	30-150	7.27	30
Heptachlor	29.2		µg/kg dry	16.6	33.2	BRL	88.0	30-150	5.25	30
Methoxychlor	33.3		µg/kg dry	16.6	33.2	BRL	100	30-150	4.60	30
Heptachlor Epoxide	31.6		µg/kg dry	16.6	33.2	BRL	95.2	30-150	0.950	30
a-Chlordane	30.7		µg/kg dry	16.6	33.2	BRL	92.5	30-150	7.05	50
g-Chlordane	44.4		µg/kg dry	16.6	33.2	BRL	134	30-150	3.80	50
Endrin Ketone	32.4		µg/kg dry	16.6	33.2	BRL	97.6	30-150	1.86	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.9*		µg/kg dry		*33.2*		*69.0*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.6*		µg/kg dry		*33.2*		*86.1*	*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 6120406 - SW846 3510C										
Blank (6120406-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	BRL		µg/l	0.500						
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.500						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.500						
Anthracene	BRL		µg/l	0.050						
Azobenzene/Diphenyldiazine	BRL		µg/l	0.500						
Benzidine	BRL		µg/l	0.500						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.500						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.500						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.500						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.500						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.500						
Benzoic acid	BRL		µg/l	0.500						
Benzyl alcohol	BRL		µg/l	0.500						
Bis(2-chloroethoxy)methane	BRL		µg/l	0.500						
Bis(2-chloroethyl)ether	BRL		µg/l	0.500						
Bis(2-chloroisopropyl)ether	BRL		µg/l	0.500						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	0.500						
4-Bromophenyl phenyl ether	BRL		µg/l	0.500						
Butyl benzyl phthalate	BRL		µg/l	0.500						
4-Chloroaniline	BRL		µg/l	0.500						
2-Chloronaphthalene	BRL		µg/l	0.500						
4-Chlorophenyl phenyl ether	BRL		µg/l	0.500						
Chrysene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	0.500						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.500						
Dibenzofuran	BRL		µg/l	0.500						
1,2-Dichlorobenzene	BRL		µg/l	0.500						
1,3-Dichlorobenzene	BRL		µg/l	0.500						
1,4-Dichlorobenzene	BRL		µg/l	0.500						
3,3'-Dichlorobenzidine	BRL		µg/l	0.500						
Diethyl phthalate	BRL		µg/l	0.500						
Dimethyl phthalate	BRL		µg/l	0.500						
Di-n-butyl phthalate	BRL		µg/l	0.500						
2,4-Dinitrotoluene	BRL		µg/l	0.500						
2,6-Dinitrotoluene	BRL		µg/l	0.500						
Di-n-octyl phthalate	BRL		µg/l	0.500						
Fluoranthene	BRL		µg/l	0.500						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.500						
Hexachlorobenzene	BRL		µg/l	0.500						
Hexachlorobutadiene	BRL		µg/l	0.500						
Hexachlorocyclopentadiene	BRL		µg/l	0.500						
Hexachloroethane	BRL		µg/l	0.500						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120406 - SW846 3510C										
Blank (6120406-BLK1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.500						
Isophorone	BRL		µg/l	0.500						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	0.500						
Naphthalene	BRL		µg/l	0.500						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	0.500						
3-Nitroaniline	BRL		µg/l	0.500						
4-Nitroaniline	BRL		µg/l	0.500						
Nitrobenzene	BRL		µg/l	0.500						
N-Nitrosodimethylamine	BRL		µg/l	0.500						
N-Nitrosodiphenylamine	BRL		µg/l	0.500						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	0.500						
Phenol	BRL		µg/l	0.500						
Pyrene	BRL		µg/l	0.500						
Pyrene	BRL		µg/l	0.050						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
Pentachlorophenol	BRL		µg/l	1.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*55.5*		µg/l		*100*		*55.5*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*55.5*		µg/l		*100*		*55.5*	*30-130*		
Surrogate: 2-Fluorophenol	*67.5*		µg/l		*100*		*67.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*61.7*		µg/l		*100*		*61.7*	*30-130*		
Surrogate: Phenol-d5	*60.7*		µg/l		*100*		*60.7*	*15-110*		
Surrogate: Terphenyl-d14	*58.4*		µg/l		*100*		*58.4*	*30-130*		
Surrogate: Terphenyl-d14	*58.4*		µg/l		*100*		*58.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*62.3*		µg/l		*100*		*62.3*	*15-110*		
LCS (6120406-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Acenaphthene	53.4		µg/l	0.500	100		53.4	40-130		
Acenaphthene	53.4		µg/l	0.050	100		53.4	40-140		
Acenaphthylene	53.6		µg/l	0.500	100		53.6	40-130		
Acenaphthylene	53.6		µg/l	0.050	100		53.6	40-140		
1-Methylnaphthalene	54.2		µg/l	0.050	100		54.2	40-140		
Anthracene	54.0		µg/l	0.500	100		54.0	40-130		
Anthracene	54.0		µg/l	0.050	100		54.0	40-140		
Azobenzene/Diphenyldiazine	58.7		µg/l	0.500	100		58.7	40-130		
Benzidine	18.2	QC2	µg/l	0.500	100		18.2	40-130		
Benzo (a) anthracene	56.1		µg/l	0.050	100		56.1	40-140		
Benzo (a) anthracene	56.1		µg/l	0.500	100		56.1	40-130		
Benzo (a) pyrene	56.6		µg/l	0.050	100		56.6	40-140		
Benzo (a) pyrene	56.6		µg/l	0.500	100		56.6	40-130		
Benzo (b) fluoranthene	54.8		µg/l	0.050	100		54.8	40-140		
Benzo (b) fluoranthene	54.8		µg/l	0.500	100		54.8	40-130		
Benzo (g,h,i) perylene	66.6		µg/l	0.050	100		66.6	40-140		
Benzo (g,h,i) perylene	66.6		µg/l	0.500	100		66.6	40-130		
Benzo (k) fluoranthene	50.6		µg/l	0.050	100		50.6	40-140		
Benzo (k) fluoranthene	50.6		µg/l	0.500	100		50.6	40-130		
Benzoic acid	0.690	QC2	µg/l	0.500	100		0.690	40-130		
Benzyl alcohol	57.4		µg/l	0.500	100		57.4	40-130		
Bis(2-chloroethoxy)methane	53.1		µg/l	0.500	100		53.1	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 6120406 - SW846 3510C										
LCS (6120406-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Bis(2-chloroethyl)ether	51.8		µg/l	0.500	100		51.8	40-130		
Bis(2-chloroisopropyl)ether	58.7		µg/l	0.500	100		58.7	40-130		
Bis(2-ethylhexyl)phthalate	57.1		µg/l	0.500	100		57.1	40-130		
4-Bromophenyl phenyl ether	54.4		µg/l	0.500	100		54.4	40-130		
Butyl benzyl phthalate	57.7		µg/l	0.500	100		57.7	40-130		
4-Chloroaniline	43.9		µg/l	0.500	100		43.9	40-130		
2-Chloronaphthalene	49.2		µg/l	0.500	100		49.2	40-130		
4-Chlorophenyl phenyl ether	52.9		µg/l	0.500	100		52.9	40-130		
Chrysene	55.9		µg/l	0.050	100		55.9	40-140		
Chrysene	55.9		µg/l	0.500	100		55.9	40-130		
Dibenzo (a,h) anthracene	63.2		µg/l	0.050	100		63.2	40-140		
Dibenzo (a,h) anthracene	63.2		µg/l	0.500	100		63.2	40-130		
Dibenzofuran	46.8		µg/l	0.500	100		46.8	40-130		
1,2-Dichlorobenzene	50.4		µg/l	0.500	100		50.4	40-130		
1,3-Dichlorobenzene	48.2		µg/l	0.500	100		48.2	40-130		
1,4-Dichlorobenzene	48.5		µg/l	0.500	100		48.5	40-130		
3,3'-Dichlorobenzidine	52.4		µg/l	0.500	100		52.4	40-130		
Diethyl phthalate	57.5		µg/l	0.500	100		57.5	40-130		
Dimethyl phthalate	52.0		µg/l	0.500	100		52.0	40-130		
Di-n-butyl phthalate	56.0		µg/l	0.500	100		56.0	40-130		
2,4-Dinitrotoluene	55.9		µg/l	0.500	100		55.9	40-130		
2,6-Dinitrotoluene	55.8		µg/l	0.500	100		55.8	40-130		
Di-n-octyl phthalate	53.2		µg/l	0.500	100		53.2	40-130		
Fluoranthene	55.0		µg/l	0.050	100		55.0	40-140		
Fluoranthene	55.0		µg/l	0.500	100		55.0	40-130		
Fluorene	51.7		µg/l	0.500	100		51.7	40-130		
Fluorene	51.7		µg/l	0.050	100		51.7	40-140		
Hexachlorobenzene	48.5		µg/l	0.500	100		48.5	40-130		
Hexachlorobutadiene	45.6		µg/l	0.500	100		45.6	40-130		
Hexachlorocyclopentadiene	52.7		µg/l	0.500	100		52.7	40-130		
Hexachloroethane	46.3		µg/l	0.500	100		46.3	40-130		
Indeno (1,2,3-cd) pyrene	69.0		µg/l	0.500	100		69.0	40-130		
Indeno (1,2,3-cd) pyrene	69.0		µg/l	0.050	100		69.0	40-140		
Isophorone	50.5		µg/l	0.500	100		50.5	40-130		
2-Methylnaphthalene	43.4		µg/l	0.050	100		43.4	40-140		
2-Methylnaphthalene	43.4		µg/l	0.500	100		43.4	40-130		
Naphthalene	43.5		µg/l	0.050	100		43.5	40-140		
Naphthalene	43.5		µg/l	0.500	100		43.5	40-130		
2-Nitroaniline	59.8		µg/l	0.500	100		59.8	40-130		
3-Nitroaniline	47.5		µg/l	0.500	100		47.5	40-130		
4-Nitroaniline	68.2		µg/l	0.500	100		68.2	40-130		
Nitrobenzene	49.7		µg/l	0.500	100		49.7	40-130		
N-Nitrosodimethylamine	47.1		µg/l	0.500	100		47.1	40-130		
N-Nitrosodiphenylamine	57.5		µg/l	0.500	100		57.5	40-130		
Phenanthrene	52.1		µg/l	0.500	100		52.1	40-130		
Phenanthrene	52.1		µg/l	0.050	100		52.1	40-140		
Pyrene	52.2		µg/l	0.050	100		52.2	40-140		
Pyrene	52.2		µg/l	0.500	100		52.2	40-130		
Hexachlorobenzene	48.5		µg/l	1.00	100		48.5	40-140		
Hexachloroethane	46.3		µg/l	1.00	100		46.3	40-140		
Pentachlorophenol	67.8		µg/l	1.00	100		67.8	30-130		
Hexachlorobutadiene	45.6		µg/l	0.500	100		45.6	40-140		
Surrogate: 2-Fluorobiphenyl	*59.3*		µg/l		*100*		*59.3*	*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 6120406 - SW846 3510C										
LCS (6120406-BS1)										
Prepared: 07-Dec-06 Analyzed: 09-Dec-06										
Surrogate: 2-Fluorobiphenyl	*59.3*		µg/l		*100*		*59.3*	*30-130*		
Surrogate: 2-Fluorophenol	*60.7*		µg/l		*100*		*60.7*	*15-110*		
Surrogate: Nitrobenzene-d5	*61.7*		µg/l		*100*		*61.7*	*30-130*		
Surrogate: Phenol-d5	*52.8*		µg/l		*100*		*52.8*	*15-110*		
Surrogate: Terphenyl-d14	*60.7*		µg/l		*100*		*60.7*	*30-130*		
Surrogate: Terphenyl-d14	*60.7*		µg/l		*100*		*60.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*66.4*		µg/l		*100*		*66.4*	*15-110*		
Batch 6120412 - SW846 3550B										
Blank (6120412-BLK1)										
Prepared & Analyzed: 07-Dec-06										
Acenaphthene	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	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						
Hexachloroethane	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	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						
Benzoic acid	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	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 6120412 - SW846 3550B										
Blank (6120412-BLK1)										
Prepared & Analyzed: 07-Dec-06										
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	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						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
Acenaphthylene	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						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
Acenaphthene	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	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						
Fluorene	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Isophorone	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
Fluoranthene	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 6120412 - SW846 3550B										
Blank (6120412-BLK1)										
Prepared & Analyzed: 07-Dec-06										
3-Nitroaniline	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	660						
Nitrobenzene	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
2-Nitrophenol	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	660						
Chrysene	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	165						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	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	*3020*		µg/kg wet		*3330*		*90.7*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*3020*		µg/kg wet		*3330*		*90.7*	*30-130*		
Surrogate: 2-Fluorophenol	*3130*		µg/kg wet		*3330*		*94.0*	*30-130*		
Surrogate: 2-Fluorophenol	*3130*		µg/kg wet		*3330*		*94.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*2650*		µg/kg wet		*3330*		*79.6*	*30-130*		
Surrogate: Nitrobenzene-d5	*2650*		µg/kg wet		*3330*		*79.6*	*30-130*		
Surrogate: Phenol-d5	*2890*		µg/kg wet		*3330*		*86.8*	*15-110*		
Surrogate: Phenol-d5	*2890*		µg/kg wet		*3330*		*86.8*	*30-130*		
Surrogate: Terphenyl-d14	*2800*		µg/kg wet		*3330*		*84.1*	*30-130*		
Surrogate: Terphenyl-d14	*2800*		µg/kg wet		*3330*		*84.1*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3830*		µg/kg wet		*3330*		*115*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3830*		µg/kg wet		*3330*		*115*	*30-130*		
LCS (6120412-BS1)										
Prepared & Analyzed: 07-Dec-06										
Acenaphthene	1750		µg/kg wet	165	3330		52.6	40-130		
Acenaphthylene	1850		µg/kg wet	165	3330		55.6	40-130		
N-Nitrosodimethylamine	1710		µg/kg wet	165	3330		51.4	40-130		
Aniline	1430		µg/kg wet	165	3330		42.9	40-130		
Anthracene	1860		µg/kg wet	165	3330		55.9	40-130		
Bis(2-chloroethyl)ether	1550		µg/kg wet	165	3330		46.5	40-130		
Atrazine	2040		µg/kg wet	165	3330		61.3	40-130		
Azobenzene/Diphenyldiazine	1470		µg/kg wet	165	3330		44.1	40-130		
1,3-Dichlorobenzene	1690		µg/kg wet	165	3330		50.8	40-130		
Benzidine	338	QC1	µg/kg wet	165	3330		10.2	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 6120412 - SW846 3550B										
LCS (6120412-BS1)										
Prepared & Analyzed: 07-Dec-06										
1,4-Dichlorobenzene	1790		µg/kg wet	165	3330		53.8	40-130		
Benzo (a) anthracene	1760		µg/kg wet	165	3330		52.9	40-130		
1,2-Dichlorobenzene	1700		µg/kg wet	165	3330		51.1	40-130		
Benzo (a) pyrene	1750		µg/kg wet	165	3330		52.6	40-130		
Benzo (b) fluoranthene	1370		µg/kg wet	165	3330		41.1	40-130		
Benzyl alcohol	1810		µg/kg wet	165	3330		54.4	40-130		
Benzo (g,h,i) perylene	1700		µg/kg wet	165	3330		51.1	40-130		
Bis(2-chloroisopropyl)ether	2310		µg/kg wet	165	3330		69.4	40-130		
Benzo (k) fluoranthene	2260		µg/kg wet	165	3330		67.9	40-130		
Benzoic acid	203	QC1	µg/kg wet	165	3330		6.10	40-130		
Hexachloroethane	1820		µg/kg wet	165	3330		54.7	40-130		
Benzyl alcohol	1810		µg/kg wet	165	3330		54.4	40-130		
Bis(2-chloroethoxy)methane	1490		µg/kg wet	165	3330		44.7	40-130		
Bis(2-chloroethyl)ether	1550		µg/kg wet	165	3330		46.5	40-130		
Nitrobenzene	1470		µg/kg wet	165	3330		44.1	40-130		
Isophorone	1420		µg/kg wet	165	3330		42.6	40-130		
Bis(2-chloroisopropyl)ether	2310		µg/kg wet	165	3330		69.4	40-130		
Bis(2-ethylhexyl)phthalate	1590		µg/kg wet	165	3330		47.7	40-130		
4-Bromophenyl phenyl ether	2080		µg/kg wet	165	3330		62.5	40-130		
Bis(2-chloroethoxy)methane	1490		µg/kg wet	165	3330		44.7	40-130		
Butyl benzyl phthalate	1580		µg/kg wet	165	3330		47.4	40-130		
Carbazole	2040		µg/kg wet	165	3330		61.3	40-130		
4-Chloro-3-methylphenol	1490		µg/kg wet	165	3330		44.7	40-130		
Benzoic acid	203	QC1	µg/kg wet	165	3330		6.10	40-130		
4-Chloroaniline	1450		µg/kg wet	165	3330		43.5	40-130		
Naphthalene	1500		µg/kg wet	165	3330		45.0	40-130		
2-Chloronaphthalene	1680		µg/kg wet	165	3330		50.5	40-130		
2-Chlorophenol	1660		µg/kg wet	165	3330		49.8	40-130		
4-Chloroaniline	1450		µg/kg wet	165	3330		43.5	40-130		
4-Chlorophenyl phenyl ether	2060		µg/kg wet	165	3330		61.9	40-130		
Hexachlorobutadiene	1670		µg/kg wet	165	3330		50.2	40-130		
Chrysene	1830		µg/kg wet	165	3330		55.0	40-130		
Dibenzo (a,h) anthracene	1710		µg/kg wet	165	3330		51.4	40-130		
2-Methylnaphthalene	1470		µg/kg wet	165	3330		44.1	40-130		
Dibenzofuran	1700		µg/kg wet	165	3330		51.1	40-130		
Hexachlorocyclopentadiene	1600		µg/kg wet	165	3330		48.0	40-130		
1,2-Dichlorobenzene	1700		µg/kg wet	165	3330		51.1	40-130		
1,3-Dichlorobenzene	1690		µg/kg wet	165	3330		50.8	40-130		
2-Chloronaphthalene	1680		µg/kg wet	165	3330		50.5	40-130		
1,4-Dichlorobenzene	1790		µg/kg wet	165	3330		53.8	40-130		
2-Nitroaniline	1780		µg/kg wet	165	3330		53.5	40-130		
3,3'-Dichlorobenzidine	1840		µg/kg wet	165	3330		55.3	40-130		
Acenaphthylene	1850		µg/kg wet	165	3330		55.6	40-130		
2,4-Dichlorophenol	1430		µg/kg wet	165	3330		42.9	40-130		
Dimethyl phthalate	1940		µg/kg wet	165	3330		58.3	40-130		
Diethyl phthalate	1830		µg/kg wet	165	3330		55.0	40-130		
2,6-Dinitrotoluene	1740		µg/kg wet	165	3330		52.3	40-130		
Dimethyl phthalate	1940		µg/kg wet	165	3330		58.3	40-130		
2,4-Dimethylphenol	1520		µg/kg wet	165	3330		45.6	40-130		
Acenaphthene	1750		µg/kg wet	165	3330		52.6	40-130		
3-Nitroaniline	1500		µg/kg wet	165	3330		45.0	40-130		
Di-n-butyl phthalate	1760		µg/kg wet	165	3330		52.9	40-130		
4,6-Dinitro-2-methylphenol	1710		µg/kg wet	165	3330		51.4	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 6120412 - SW846 3550B										
LCS (6120412-BS1)										
Prepared & Analyzed: 07-Dec-06										
2,4-Dinitrophenol	1640		µg/kg wet	165	3330		49.2	40-130		
Dibenzofuran	1700		µg/kg wet	165	3330		51.1	40-130		
2,4-Dinitrotoluene	1840		µg/kg wet	165	3330		55.3	40-130		
2,4-Dinitrotoluene	1840		µg/kg wet	165	3330		55.3	40-130		
2,6-Dinitrotoluene	1740		µg/kg wet	165	3330		52.3	40-130		
Fluorene	1860		µg/kg wet	165	3330		55.9	40-130		
Di-n-octyl phthalate	1510		µg/kg wet	165	3330		45.3	40-130		
4-Chlorophenyl phenyl ether	2060		µg/kg wet	165	3330		61.9	40-130		
Fluoranthene	1980		µg/kg wet	165	3330		59.5	40-130		
Fluorene	1860		µg/kg wet	165	3330		55.9	40-130		
Diethyl phthalate	1830		µg/kg wet	165	3330		55.0	40-130		
4-Nitroaniline	1520		µg/kg wet	165	3330		45.6	40-130		
Hexachlorobenzene	2000		µg/kg wet	165	3330		60.1	40-130		
Hexachlorobutadiene	1670		µg/kg wet	165	3330		50.2	40-130		
Hexachlorocyclopentadiene	1600		µg/kg wet	165	3330		48.0	40-130		
N-Nitrosodiphenylamine	1820		µg/kg wet	165	3330		54.7	40-130		
Hexachloroethane	1820		µg/kg wet	165	3330		54.7	40-130		
Azobenzene/Diphenyldiazine	1470		µg/kg wet	165	3330		44.1	40-130		
4-Bromophenyl phenyl ether	2080		µg/kg wet	165	3330		62.5	40-130		
Indeno (1,2,3-cd) pyrene	1720		µg/kg wet	165	3330		51.7	40-130		
Hexachlorobenzene	2000		µg/kg wet	165	3330		60.1	40-130		
1-Methylnaphthalene	1840		µg/kg wet	165	3330		55.3	40-140		
Isophorone	1420		µg/kg wet	165	3330		42.6	40-130		
2-Methylnaphthalene	1470		µg/kg wet	165	3330		44.1	40-130		
2-Methylphenol	1430		µg/kg wet	165	3330		42.9	40-130		
Phenanthrene	2170		µg/kg wet	165	3330		65.2	40-130		
Anthracene	1860		µg/kg wet	165	3330		55.9	40-130		
3,4-Methylphenol	1870		µg/kg wet	165	3330		56.2	40-130		
Naphthalene	1500		µg/kg wet	165	3330		45.0	40-130		
Di-n-butyl phthalate	1760		µg/kg wet	165	3330		52.9	40-130		
2-Nitroaniline	1780		µg/kg wet	165	3330		53.5	40-130		
Fluoranthene	1980		µg/kg wet	165	3330		59.5	40-130		
3-Nitroaniline	1500		µg/kg wet	165	3330		45.0	40-130		
Benzidine	338	QC1	µg/kg wet	165	3330		10.2	40-130		
Pyrene	1700		µg/kg wet	165	3330		51.1	40-130		
4-Nitroaniline	1520		µg/kg wet	660	3330		45.6	40-130		
Nitrobenzene	1470		µg/kg wet	165	3330		44.1	40-130		
Butyl benzyl phthalate	1580		µg/kg wet	165	3330		47.4	40-130		
2-Nitrophenol	1480		µg/kg wet	165	3330		44.4	40-130		
3,3'-Dichlorobenzidine	1840		µg/kg wet	165	3330		55.3	40-130		
Benzo (a) anthracene	1760		µg/kg wet	165	3330		52.9	40-130		
4-Nitrophenol	1440		µg/kg wet	660	3330		43.2	40-130		
N-Nitrosodimethylamine	1710		µg/kg wet	165	3330		51.4	40-130		
Chrysene	1830		µg/kg wet	165	3330		55.0	40-130		
N-Nitrosodi-n-propylamine	1570		µg/kg wet	165	3330		47.1	40-130		
Bis(2-ethylhexyl)phthalate	1590		µg/kg wet	165	3330		47.7	40-130		
N-Nitrosodiphenylamine	1820		µg/kg wet	165	3330		54.7	40-130		
Di-n-octyl phthalate	1510		µg/kg wet	165	3330		45.3	40-130		
Benzo (b) fluoranthene	1370		µg/kg wet	165	3330		41.1	40-130		
Benzo (k) fluoranthene	2260		µg/kg wet	165	3330		67.9	40-130		
Pentachlorophenol	2420		µg/kg wet	165	3330		72.7	40-130		
Phenanthrene	2170		µg/kg wet	165	3330		65.2	40-130		
Benzo (a) pyrene	1750		µg/kg wet	165	3330		52.6	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 6120412 - SW846 3550B										
LCS (6120412-BS1)										
Prepared & Analyzed: 07-Dec-06										
Phenol	1640		µg/kg wet	165	3330		49.2	40-130		
Indeno (1,2,3-cd) pyrene	1720		µg/kg wet	165	3330		51.7	40-130		
Dibenzo (a,h) anthracene	1710		µg/kg wet	165	3330		51.4	40-130		
Pyrene	1700		µg/kg wet	165	3330		51.1	40-130		
Pyridine	2710		µg/kg wet	165	3330		81.4	40-130		
Benzo (g,h,i) perylene	1700		µg/kg wet	165	3330		51.1	40-130		
1,2,4-Trichlorobenzene	1550		µg/kg wet	165	3330		46.5	40-130		
2,4,5-Trichlorophenol	1840		µg/kg wet	165	3330		55.3	40-130		
2,4,6-Trichlorophenol	1880		µg/kg wet	165	3330		56.5	40-130		
Surrogate: 2-Fluorobiphenyl	*2700*		µg/kg wet		*3330*		*81.1*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*2700*		µg/kg wet		*3330*		*81.1*	*30-130*		
Surrogate: 2-Fluorophenol	*2790*		µg/kg wet		*3330*		*83.8*	*15-110*		
Surrogate: 2-Fluorophenol	*2790*		µg/kg wet		*3330*		*83.8*	*15-110*		
Surrogate: Nitrobenzene-d5	*2360*		µg/kg wet		*3330*		*70.9*	*30-130*		
Surrogate: Nitrobenzene-d5	*2360*		µg/kg wet		*3330*		*70.9*	*30-130*		
Surrogate: Phenol-d5	*2360*		µg/kg wet		*3330*		*70.9*	*15-110*		
Surrogate: Phenol-d5	*2360*		µg/kg wet		*3330*		*70.9*	*15-110*		
Surrogate: Terphenyl-d14	*2680*		µg/kg wet		*3330*		*80.5*	*30-130*		
Surrogate: Terphenyl-d14	*2680*		µg/kg wet		*3330*		*80.5*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3630*		µg/kg wet		*3330*		*109*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*3630*		µg/kg wet		*3330*		*109*	*15-110*		
Duplicate (6120412-DUP1)	**Source: SA55105-02**									
Prepared & Analyzed: 07-Dec-06										
Acenaphthene	BRL		µg/kg dry	256		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	256		BRL				50
Acenaphthylene	BRL		µg/kg dry	256		BRL				50
Aniline	BRL		µg/kg dry	256		BRL				50
Anthracene	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	256		BRL				50
Atrazine	BRL		µg/kg dry	256		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	256		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
Benzidine	BRL		µg/kg dry	256		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	256		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	256		BRL				50
Benzyl alcohol	BRL		µg/kg dry	256		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	256		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	256		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	256		BRL				50
Benzoic acid	BRL		µg/kg dry	256		BRL				50
Hexachloroethane	BRL		µg/kg dry	256		BRL				50
Benzyl alcohol	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	256		BRL				50
Nitrobenzene	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	256		BRL				50
Isophorone	BRL		µg/kg dry	256		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	256		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	256		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	256		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	256		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 6120412 - SW846 3550B										
Duplicate (6120412-DUP1) Source: SA55105-02										
Prepared & Analyzed: 07-Dec-06										
Carbazole	BRL		µg/kg dry	256		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	256		BRL				50
4-Chloroaniline	BRL		µg/kg dry	256		BRL				50
Benzoic acid	BRL		µg/kg dry	256		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	256		BRL				50
Naphthalene	BRL		µg/kg dry	256		BRL				50
2-Chlorophenol	BRL		µg/kg dry	256		BRL				50
4-Chloroaniline	BRL		µg/kg dry	256		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	256		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	256		BRL				50
Chrysene	BRL		µg/kg dry	256		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	256		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	256		BRL				50
Dibenzofuran	BRL		µg/kg dry	256		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	256		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	256		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	256		BRL				50
2-Nitroaniline	BRL		µg/kg dry	256		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	256		BRL				50
Acenaphthylene	BRL		µg/kg dry	256		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	256		BRL				50
Diethyl phthalate	BRL		µg/kg dry	256		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	256		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	256		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	256		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	256		BRL				50
Acenaphthene	BRL		µg/kg dry	256		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	256		BRL				50
3-Nitroaniline	BRL		µg/kg dry	256		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	256		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	256		BRL				50
Dibenzofuran	BRL		µg/kg dry	256		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	256		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	256		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	256		BRL				50
Fluorene	BRL		µg/kg dry	256		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	256		BRL				50
Fluoranthene	BRL		µg/kg dry	256		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	256		BRL				50
Fluorene	BRL		µg/kg dry	256		BRL				50
Diethyl phthalate	BRL		µg/kg dry	256		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	256		BRL				50
4-Nitroaniline	BRL		µg/kg dry	256		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	256		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	256		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	256		BRL				50
Hexachloroethane	BRL		µg/kg dry	256		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	256		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	256		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	256		BRL				50
Isophorone	BRL		µg/kg dry	256		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 6120412 - SW846 3550B										
Duplicate (6120412-DUP1)	**Source: SA55105-02**									
Prepared & Analyzed: 07-Dec-06										
1-Methylnaphthalene	BRL		µg/kg dry	256		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	256		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	256		BRL				50
2-Methylphenol	BRL		µg/kg dry	256		BRL				50
Phenanthrene	BRL		µg/kg dry	256		BRL				50
Anthracene	BRL		µg/kg dry	256		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	256		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	256		BRL				50
Naphthalene	BRL		µg/kg dry	256		BRL				50
Fluoranthene	BRL		µg/kg dry	256		BRL				50
2-Nitroaniline	BRL		µg/kg dry	256		BRL				50
Benzidine	BRL		µg/kg dry	256		BRL				50
3-Nitroaniline	BRL		µg/kg dry	256		BRL				50
Pyrene	BRL		µg/kg dry	256		BRL				50
4-Nitroaniline	BRL		µg/kg dry	256		BRL				50
Nitrobenzene	BRL		µg/kg dry	1030		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	256		BRL				50
2-Nitrophenol	BRL		µg/kg dry	256		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	256		BRL				50
4-Nitrophenol	BRL		µg/kg dry	256		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	1030		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	256		BRL				50
Chrysene	BRL		µg/kg dry	256		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	256		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	256		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	256		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	256		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	256		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	256		BRL				50
Pentachlorophenol	BRL		µg/kg dry	256		BRL				50
Phenanthrene	BRL		µg/kg dry	256		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	256		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	256		BRL				50
Phenol	BRL		µg/kg dry	256		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	256		BRL				50
Pyrene	BRL		µg/kg dry	256		BRL				50
Pyridine	BRL		µg/kg dry	256		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	256		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	256		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	256		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	256		BRL				50
Surrogate: 2-Fluorobiphenyl	*1100*		µg/kg dry		*2590*		*42.5*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*1100*		µg/kg dry		*2590*		*42.5*	*30-130*		
Surrogate: 2-Fluorophenol	*1140*		µg/kg dry		*2590*		*44.0*	*30-130*		
Surrogate: 2-Fluorophenol	*1140*		µg/kg dry		*2590*		*44.0*	*15-110*		
Surrogate: Nitrobenzene-d5	*894*		µg/kg dry		*2590*		*34.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*894*		µg/kg dry		*2590*		*34.5*	*30-130*		
Surrogate: Phenol-d5	*1280*		µg/kg dry		*2590*		*49.4*	*30-130*		
Surrogate: Phenol-d5	*1280*		µg/kg dry		*2590*		*49.4*	*15-110*		
Surrogate: Terphenyl-d14	*1200*		µg/kg dry		*2590*		*46.3*	*30-130*		
Surrogate: Terphenyl-d14	*1200*		µg/kg dry		*2590*		*46.3*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1270*		µg/kg dry		*2590*		*49.0*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*1270*		µg/kg dry		*2590*		*49.0*	*30-130*		
Matrix Spike (6120412-MS1)	**Source: SA55105-02**									

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120412 - SW846 3550B										
Prepared: 07-Dec-06 Analyzed: 10-Dec-06										
Acenaphthene	2700		µg/kg dry	256	5180	BRL	52.1	40-140		
Phenol	4860		µg/kg dry	256	10400	BRL	46.7	30-130		
1,4-Dichlorobenzene	2530		µg/kg dry	256	5180	BRL	48.8	40-140		
4-Chloro-3-methylphenol	5490		µg/kg dry	256	10400	BRL	52.8	30-130		
2-Chlorophenol	5180		µg/kg dry	256	10400	BRL	49.8	30-130		
1,4-Dichlorobenzene	2530		µg/kg dry	256	5180	BRL	48.8	40-140		
Acenaphthene	2700		µg/kg dry	256	5180	BRL	52.1	40-140		
2,4-Dinitrotoluene	2830		µg/kg dry	256	5180	BRL	54.6	40-140		
2,4-Dinitrotoluene	2830		µg/kg dry	256	5180	BRL	54.6	40-140		
Pyrene	2250		µg/kg dry	256	5180	BRL	43.4	40-140		
4-Nitrophenol	6010		µg/kg dry	1030	10400	BRL	57.8	30-130		
N-Nitrosodi-n-propylamine	3070		µg/kg dry	256	5180	BRL	59.3	40-140		
Pentachlorophenol	7360		µg/kg dry	256	10400	BRL	70.8	30-130		
Phenol	4860		µg/kg dry	256	10400	BRL	46.7	30-130		
Pyrene	2250		µg/kg dry	256	5180	BRL	43.4	40-140		
1,2,4-Trichlorobenzene	2710		µg/kg dry	256	5180	BRL	52.3	40-140		
Surrogate: 2-Fluorobiphenyl	*3020*		µg/kg dry		*5180*		*58.3*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*3020*		µg/kg dry		*5180*		*58.3*	*30-130*		
Surrogate: 2-Fluorophenol	*3020*		µg/kg dry		*5180*		*58.3*	*30-130*		
Surrogate: 2-Fluorophenol	*3020*		µg/kg dry		*5180*		*58.3*	*15-110*		
Surrogate: Nitrobenzene-d5	*2770*		µg/kg dry		*5180*		*53.5*	*30-130*		
Surrogate: Nitrobenzene-d5	*2770*		µg/kg dry		*5180*		*53.5*	*30-130*		
Surrogate: Phenol-d5	*2490*		µg/kg dry		*5180*		*48.1*	*30-130*		
Surrogate: Phenol-d5	*2490*		µg/kg dry		*5180*		*48.1*	*15-110*		
Surrogate: Terphenyl-dl4	*2550*		µg/kg dry		*5180*		*49.2*	*30-130*		
Surrogate: Terphenyl-dl4	*2550*		µg/kg dry		*5180*		*49.2*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4210*		µg/kg dry		*5180*		*81.3*	*15-110*		
Surrogate: 2,4,6-Tribromophenol	*4210*		µg/kg dry		*5180*		*81.3*	*30-130*		
Matrix Spike Dup (6120412-MSD1)	**Source: SA55105-02**									
Prepared: 07-Dec-06 Analyzed: 10-Dec-06										
Acenaphthene	2860		µg/kg dry	256	5170	BRL	55.3	40-140	5.96	30
Phenol	5190		µg/kg dry	256	10300	BRL	50.4	30-130	7.62	30
1,4-Dichlorobenzene	2690		µg/kg dry	256	5170	BRL	52.0	40-140	6.35	30
4-Chloro-3-methylphenol	5810		µg/kg dry	256	10300	BRL	56.4	30-130	6.59	30
2-Chlorophenol	5520		µg/kg dry	256	10300	BRL	53.6	30-130	7.35	30
1,4-Dichlorobenzene	2690		µg/kg dry	256	5170	BRL	52.0	40-140	6.35	30
Acenaphthene	2860		µg/kg dry	256	5170	BRL	55.3	40-140	5.96	30
2,4-Dinitrotoluene	2990		µg/kg dry	256	5170	BRL	57.8	40-140	5.69	30
2,4-Dinitrotoluene	2990		µg/kg dry	256	5170	BRL	57.8	40-140	5.69	30
Pyrene	2390		µg/kg dry	256	5170	BRL	46.2	40-140	6.25	30
4-Nitrophenol	6480		µg/kg dry	1020	10300	BRL	62.9	30-130	8.45	30
N-Nitrosodi-n-propylamine	3340		µg/kg dry	256	5170	BRL	64.6	40-140	8.56	30
Pentachlorophenol	7640		µg/kg dry	256	10300	BRL	74.2	30-130	4.69	30
Phenol	5190		µg/kg dry	256	10300	BRL	50.4	30-130	7.62	30
Pyrene	2390		µg/kg dry	256	5170	BRL	46.2	40-140	6.25	30
1,2,4-Trichlorobenzene	2860		µg/kg dry	256	5170	BRL	55.3	40-140	5.58	30
Surrogate: 2-Fluorobiphenyl	*3160*		µg/kg dry		*5170*		*61.1*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*3160*		µg/kg dry		*5170*		*61.1*	*30-130*		
Surrogate: 2-Fluorophenol	*3180*		µg/kg dry		*5170*		*61.5*	*30-130*		
Surrogate: 2-Fluorophenol	*3180*		µg/kg dry		*5170*		*61.5*	*15-110*		
Surrogate: Nitrobenzene-d5	*2850*		µg/kg dry		*5170*		*55.1*	*30-130*		
Surrogate: Nitrobenzene-d5	*2850*		µg/kg dry		*5170*		*55.1*	*30-130*		
Surrogate: Phenol-d5	*2610*		µg/kg dry		*5170*		*50.5*	*30-130*		
Surrogate: Phenol-d5	*2610*		µg/kg dry		*5170*		*50.5*	*15-110*		
Surrogate: Terphenyl-dl4	*2710*		µg/kg dry		*5170*		*52.4*	*30-130*		
Surrogate: Terphenyl-dl4	*2710*		µg/kg dry		*5170*		*52.4*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4380*		µg/kg dry		*5170*		*84.7*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4380*		µg/kg dry		*5170*		*84.7*	*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 6120419 - EPA200/SW7000 Series										
Blank (6120419-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	BRL		mg/kg wet	0.0294						
Duplicate (6120419-DUP1) Source: SA54087-02										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	1.55	QR5	mg/kg dry	0.0333		0.996			43.5	35
Matrix Spike (6120419-MS1) Source: SA54087-03										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.756		mg/kg dry	0.0386	0.536	0.264	91.8	75-125		
Matrix Spike (6120419-MS2) Source: SA55134-01										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.418	QM7	mg/kg dry	0.0381	0.529	0.0358	72.2	75-125		
Post Spike (6120419-PS1) Source: SA54087-03										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Mercury	0.814		mg/kg dry	0.0378	0.525	0.264	105	75-125		
Reference (6120419-SRM1)										
Prepared: 08-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.995		mg/kg wet	0.0300	1.06		93.9	68.2-132.1		
Batch 6120420 - SW846 3005A										
Blank (6120420-BLK1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (6120420-BS1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	0.494		mg/l	0.0075	0.500		98.8	85-115		
Selenium	0.492		mg/l	0.0150	0.500		98.4	85-115		
Barium	0.511		mg/l	0.0050	0.500		102	85-115		
Chromium	0.466		mg/l	0.0050	0.500		93.2	85-115		
Arsenic	0.478		mg/l	0.0040	0.500		95.6	85-115		
Silver	0.419	QC3	mg/l	0.0050	0.500		83.8	85-115		
Cadmium	0.502		mg/l	0.0025	0.500		100	85-115		
LCS Dup (6120420-BSD1)										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	0.497		mg/l	0.0075	0.500		99.4	85-115	0.605	20
Selenium	0.492		mg/l	0.0150	0.500		98.4	85-115	0.00	20
Chromium	0.471		mg/l	0.0050	0.500		94.2	85-115	1.07	20
Silver	0.419	QC3	mg/l	0.0050	0.500		83.8	85-115	0.00	20
Cadmium	0.506		mg/l	0.0025	0.500		101	85-115	0.794	20
Barium	0.514		mg/l	0.0050	0.500		103	85-115	0.585	20
Arsenic	0.478		mg/l	0.0040	0.500		95.6	85-115	0.00	20
Duplicate (6120420-DUP1) Source: SA55134-12										
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	0.119		mg/l	0.0075		0.123			3.31	20
Selenium	0.0186		mg/l	0.0150		0.0196			5.24	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 6120420 - SW846 3005A										
Duplicate (6120420-DUP1)	**Source: SA55134-12**									
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Cadmium	0.0106		mg/l	0.0025		0.0108			1.87	20
Silver	BRL		mg/l	0.0250		BRL				20
Chromium	0.211		mg/l	0.0050		0.222			5.08	20
Arsenic	0.0385		mg/l	0.0040		0.0388			0.776	20
Barium	1.69		mg/l	0.0050		1.84			8.50	20
Matrix Spike (6120420-MS1)	**Source: SA55134-13**									
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	0.509		mg/l	0.0075	0.500	BRL	102	75-125		
Selenium	0.508		mg/l	0.0150	0.500	BRL	102	75-125		
Silver	0.433		mg/l	0.0050	0.500	BRL	86.6	75-125		
Barium	0.531		mg/l	0.0050	0.500	BRL	106	75-125		
Cadmium	0.517		mg/l	0.0025	0.500	BRL	103	75-125		
Chromium	0.485		mg/l	0.0050	0.500	BRL	97.0	75-125		
Arsenic	0.493		mg/l	0.0040	0.500	BRL	98.6	75-125		
Matrix Spike Dup (6120420-MSD1)	**Source: SA55134-13**									
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Selenium	0.502		mg/l	0.0150	0.500	BRL	100	75-125	1.19	20
Lead	0.506		mg/l	0.0075	0.500	BRL	101	75-125	0.591	20
Barium	0.528		mg/l	0.0050	0.500	BRL	106	75-125	0.567	20
Cadmium	0.512		mg/l	0.0025	0.500	BRL	102	75-125	0.972	20
Chromium	0.479		mg/l	0.0050	0.500	BRL	95.8	75-125	1.24	20
Silver	0.437		mg/l	0.0050	0.500	BRL	87.4	75-125	0.920	20
Arsenic	0.489		mg/l	0.0040	0.500	BRL	97.8	75-125	0.815	20
Post Spike (6120420-PS1)	**Source: SA55134-13**									
Prepared: 08-Dec-06 Analyzed: 10-Dec-06										
Lead	0.500		mg/l	0.0075	0.500	BRL	100	80-120		
Selenium	0.493		mg/l	0.0150	0.500	BRL	98.6	80-120		
Cadmium	0.504		mg/l	0.0025	0.500	BRL	101	80-120		
Arsenic	0.480		mg/l	0.0040	0.500	BRL	96.0	80-120		
Chromium	0.474		mg/l	0.0050	0.500	BRL	94.8	80-120		
Barium	0.512		mg/l	0.0050	0.500	BRL	102	80-120		
Silver	0.471		mg/l	0.0050	0.500	BRL	94.2	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 6120418 - EPA 200 Series										
Blank (6120418-BLK1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Silver	BRL		mg/kg wet	2.49						
Selenium	BRL		mg/kg wet	1.49						
Chromium	BRL		mg/kg wet	0.498						
Cadmium	BRL		mg/kg wet	0.249						
Lead	BRL		mg/kg wet	0.747						
Arsenic	BRL		mg/kg wet	1.49						
Barium	BRL		mg/kg wet	0.498						
LCS (6120418-BS1)										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Selenium	130		mg/kg wet	1.50	125		104	85-115		
Silver	108		mg/kg wet	2.50	125		86.4	85-115		
Chromium	124		mg/kg wet	0.500	125		99.2	85-115		
Arsenic	123		mg/kg wet	1.50	125		98.4	85-115		
Cadmium	129		mg/kg wet	0.250	125		103	85-115		
Lead	123		mg/kg wet	0.750	125		98.4	85-115		
Barium	134		mg/kg wet	0.500	125		107	85-115		
Duplicate (6120418-DUP1) Source: SA54087-02										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Selenium	2.79	QR1	mg/kg dry	1.62		3.71			28.3	20
Silver	BRL		mg/kg dry	2.71		BRL				20
Chromium	33.4	QR5	mg/kg dry	0.541		24.0			32.8	20
Arsenic	3.85	QR1	mg/kg dry	1.62		10.9			95.6	20
Cadmium	2.60		mg/kg dry	0.271		2.37			9.26	20
Lead	112	QR5	mg/kg dry	0.812		268			82.1	20
Barium	50.6	QR5	mg/kg dry	0.541		380			153	20
Matrix Spike (6120418-MS1) Source: SA54087-03										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Selenium	160		mg/kg dry	1.91	159	3.07	98.7	70-130		
Silver	146		mg/kg dry	3.18	159	BRL	91.8	70-130		
Chromium	241		mg/kg dry	0.635	159	91.9	93.8	70-130		
Lead	333		mg/kg dry	0.953	159	198	84.9	70-130		
Arsenic	168		mg/kg dry	1.91	159	9.92	99.4	70-130		
Cadmium	159		mg/kg dry	0.318	159	2.77	98.3	70-130		
Barium	293		mg/kg dry	0.635	159	118	110	70-130		
Matrix Spike (6120418-MS2) Source: SA55134-01										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Selenium	128		mg/kg dry	1.65	137	1.02	92.7	70-130		
Silver	111		mg/kg dry	2.74	137	BRL	81.0	70-130		
Chromium	136		mg/kg dry	0.549	137	12.4	90.2	70-130		
Cadmium	125		mg/kg dry	0.274	137	0.527	90.9	70-130		
Arsenic	126		mg/kg dry	1.65	137	2.25	90.3	70-130		
Lead	130		mg/kg dry	0.823	137	14.2	84.5	70-130		
Barium	189		mg/kg dry	0.549	137	41.3	108	70-130		
Post Spike (6120418-PS1) Source: SA54087-03										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Silver	136		mg/kg dry	2.83	142	BRL	95.8	85-115		
Selenium	141		mg/kg dry	1.70	142	3.07	97.1	85-115		
Arsenic	154		mg/kg dry	1.70	142	9.92	101	85-115		
Cadmium	140		mg/kg dry	0.283	142	2.77	96.6	85-115		
Reference (6120418-SRM1)										

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120418 - EPA 200 Series										
Prepared: 08-Dec-06 Analyzed: 11-Dec-06										
Selenium	94.4		mg/kg wet	1.50	86.9		109	75.7-124.3		
Silver	64.1		mg/kg wet	2.50	61.8		104	61.2-139		
Arsenic	129		mg/kg wet	1.50	129		100	79.8-120.2		
Cadmium	56.3		mg/kg wet	0.250	58.8		95.7	81.5-118.8		
Lead	82.4		mg/kg wet	0.750	83.4		98.8	80.7-119.3		
Chromium	36.4		mg/kg wet	0.500	36.6		99.5	78.6-121.4		
Barium	241		mg/kg wet	0.500	237		102	82-118.1		
Batch 6120460 - EPA200/SW7000 Series										
Blank (6120460-BLK1)										
Prepared & Analyzed: 08-Dec-06										
Mercury	BRL		mg/l	0.00020						
LCS (6120460-BS1)										
Prepared & Analyzed: 08-Dec-06										
Mercury	0.00266		mg/l	0.00020	0.00250		106	80-120		
Duplicate (6120460-DUP1) Source: SA55134-12										
Prepared & Analyzed: 08-Dec-06										
Mercury	BRL		mg/l	0.00020		0.00008				20
Matrix Spike (6120460-MS1) Source: SA55134-13										
Prepared & Analyzed: 08-Dec-06										
Mercury	0.00272		mg/l	0.00020	0.00250	0.00009	105	75-125		
Matrix Spike Dup (6120460-MSD1) Source: SA55134-13										
Prepared & Analyzed: 08-Dec-06										
Mercury	0.00292		mg/l	0.00020	0.00250	0.00009	113	75-125	7.09	20
Post Spike (6120460-PS1) Source: SA55134-13										
Prepared & Analyzed: 08-Dec-06										
Mercury	0.00267		mg/l	0.00020	0.00250	0.00009	103	75-125		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120683 - SW846 3010A										
Blank (6120683-BLK1)										
Prepared & Analyzed: 11-Dec-06										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0050						
LCS (6120683-BS1)										
Prepared & Analyzed: 11-Dec-06										
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111		
Selenium	1.14		mg/l	0.0150	1.25		91.2	67.3-113		
Silver	1.05		mg/l	0.0100	1.25		84.0	56.1-118		
Cadmium	1.24		mg/l	0.0025	1.25		99.2	71.8-121		
Arsenic	1.17		mg/l	0.0150	1.25		93.6	68.7-111		
Chromium	1.22		mg/l	0.0050	1.25		97.6	72-119		
Barium	1.32		mg/l	0.0050	1.25		106	77.1-125		
LCS Dup (6120683-BSD1)										
Prepared & Analyzed: 11-Dec-06										
Lead	1.18		mg/l	0.0075	1.25		94.4	72.8-111	0.00	20
Selenium	1.13		mg/l	0.0150	1.25		90.4	67.3-113	0.881	20
Chromium	1.20		mg/l	0.0050	1.25		96.0	72-119	1.65	20
Arsenic	1.16		mg/l	0.0150	1.25		92.8	68.7-111	0.858	20
Cadmium	1.23		mg/l	0.0025	1.25		98.4	71.8-121	0.810	20
Silver	1.04		mg/l	0.0100	1.25		83.2	56.1-118	0.957	20
Barium	1.30		mg/l	0.0050	1.25		104	77.1-125	1.53	20
Duplicate (6120683-DUP1)	**Source: SA55203-08**									
Prepared & Analyzed: 11-Dec-06										
Lead	BRL		mg/l	0.0075		0.0028				20
Selenium	BRL		mg/l	0.0150		BRL				20
Cadmium	BRL		mg/l	0.0025		BRL				20
Arsenic	BRL		mg/l	0.0150		BRL				20
Chromium	BRL		mg/l	0.0050		0.0028				20
Silver	BRL		mg/l	0.0100		BRL				20
Barium	0.0059	QR1	mg/l	0.0050		0.0032			59.3	20
Matrix Spike (6120683-MS1)	**Source: SA55203-10**									
Prepared & Analyzed: 11-Dec-06										
Lead	1.16		mg/l	0.0075	1.25	BRL	92.8	81-107		
Selenium	1.12		mg/l	0.0150	1.25	BRL	89.6	73-113		
Chromium	1.19		mg/l	0.0050	1.25	BRL	95.2	83.1-112		
Arsenic	1.16		mg/l	0.0150	1.25	BRL	92.8	76.7-109		
Silver	0.948		mg/l	0.0100	1.25	BRL	75.8	63.7-113		
Cadmium	1.21		mg/l	0.0025	1.25	BRL	96.8	81.1-115		
Barium	1.29		mg/l	0.0050	1.25	0.0021	103	85.6-121		
Matrix Spike Dup (6120683-MSD1)	**Source: SA55203-10**									
Prepared & Analyzed: 11-Dec-06										
Lead	1.18		mg/l	0.0075	1.25	BRL	94.4	81-107	1.71	20
Selenium	1.13		mg/l	0.0150	1.25	BRL	90.4	73-113	0.889	35
Silver	1.01		mg/l	0.0100	1.25	BRL	80.8	63.7-113	6.33	35
Arsenic	1.17		mg/l	0.0150	1.25	BRL	93.6	76.7-109	0.858	35
Cadmium	1.23		mg/l	0.0025	1.25	BRL	98.4	81.1-115	1.64	35

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120683 - SW846 3010A										
Matrix Spike Dup (6120683-MSD1) Source: SA55203-10										
Prepared & Analyzed: 11-Dec-06										
Chromium	1.21		mg/l	0.0050	1.25	BRL	96.8	83.1-112	1.67	35
Barium	1.31		mg/l	0.0050	1.25	0.0021	105	85.6-121	1.54	35
Post Spike (6120683-PS1) Source: SA55203-10										
Prepared & Analyzed: 11-Dec-06										
Selenium	1.09		mg/l	0.0150	1.25	BRL	87.2	80-120		
Lead	1.14		mg/l	0.0075	1.25	BRL	91.2	80-120		
Chromium	1.16		mg/l	0.0050	1.25	BRL	92.8	80-120		
Arsenic	1.12		mg/l	0.0150	1.25	BRL	89.6	80-120		
Cadmium	1.18		mg/l	0.0025	1.25	BRL	94.4	80-120		
Silver	1.06		mg/l	0.0100	1.25	BRL	84.8	80-120		
Barium	1.27		mg/l	0.0050	1.25	0.0021	101	80-120		
Batch 6120684 - EPA200/SW7000 Series										
Blank (6120684-BLK1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/l	0.00040						
LCS (6120684-BS1)										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00233		mg/l	0.00040	0.00250		93.2	65.5-119		
Duplicate (6120684-DUP1) Source: SA55203-08										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	BRL		mg/l	0.00040		BRL				35
Matrix Spike (6120684-MS1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00226		mg/l	0.00040	0.00250	BRL	90.4	62.8-125		
Matrix Spike Dup (6120684-MSD1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00228		mg/l	0.00040	0.00250	BRL	91.2	62.8-125	0.881	35
Post Spike (6120684-PS1) Source: SA55203-10										
Prepared: 11-Dec-06 Analyzed: 12-Dec-06										
Mercury	0.00224		mg/l	0.00040	0.00250	BRL	89.6	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6120638 - General Preparation										
Duplicate (6120638-DUP1) Source: SA55134-01										
Prepared & Analyzed: 09-Dec-06										
% Solids	77.1		%			78.2			1.42	20

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* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
Comp	Completed
FP	Field Preserved
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QC3	The spike recovery is outside acceptable limits for the LCS. The batch was accepted based upon the MS and/or MSD meeting the LCS limits criteria.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR1	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QR5	RPD out of acceptance range.
S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
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: Busway Flatbush Breakout - CT	Busway Flatbush Breakout - CT/ 171-305
This Form Provides certifications for the following data set: SA55134-01 SA55134-11 SA55134-02 SA55134-12 SA55134-03 SA55134-13 SA55134-04 SA55134-14 SA55134-05 SA55134-06 SA55134-07 SA55134-08 SA55134-09 SA55134-10	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: 12/13/2006

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

* Reportable Detection Limit BRL = Below Reporting Limit

SA55134 MD

SPECTRUM ANALYTICAL, INC.
Featuring
HANDEL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 12/12
- 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 Stroh - Maguire Group

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER No. 1528
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - Flatbush Breakout
Location: Hartford + West Hartford 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

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

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CT ETPH	SVOCs - Base Neutral 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	SVOCs - Base Neutral Acid Extractables 8270	Pesticides - PCBs 8081A / 8082	
SA55134-01	569-1 2'-4'	12-5-06		C	SO		3	1			X	X	[redacted]	X	X	X	X	
02	569-2 0'-2'	↓		↓	↓		↓	↓			↓	↓	[redacted]	↓	↓	X	X	
03	569-3 2'-4'												X					
04	569-4 2'-4'																	
05	569-7 2'-4'																	
06	569-8 2'-4'																	
07	569-9 2'-4'																	
08	569-10 2'-4'																	
09	569-12 2'-4'																	
10	569-12 4'-8'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓			

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

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 1.5 CCK

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/6/06	1243
[signature]	[signature]	12/6/06	15:45

SAS5134 ✓

SPECTRUM ANALYTICAL, INC.
Featuring
HANHAM TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
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Report To: C. Knight
LES
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Tolland CT 06084
Project Mgr.: D. Stack - Maguire Group

Invoice To: CTDOT - DAS Contract
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DW=Drinking Water GW=Groundwater WW=Wastewater
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X1= Blank Water X2= 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 - 8270	CT ETPH	SVOCs - Base Neutrals 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals			
SAS5134-11	569-13 2'-4'	12-5-06		C	SO		3	1				X	X	X	X	X			
12	569-1 GW	↓		G	GW		3	2		1		↓	↓	↓	↓				
13	FB-2	↓			X1		3	2		1		↓	↓	↓	↓				
14	TB-2	↓			X1		1					↓							

☐ Fax results when available to (____)
☒ E-mail to ckelegical@environmental.com
EDD Format PDF
Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 1.5 CLR

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/6/06	1243
[signature]	[signature]	12/6/06	1545

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