Task 210 Subsurface Site Investigation
634 New Park Avenue

West Hartford, Connecticut

Submitted to:
State of Connecticut
Department of Transportation

July 11, 2007

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1.0 INTRODUCTION

On behalf of the Connecticut Department of Transportation (ConnDOT), Tetra Tech Rizzo has conducted a Task 210 - Subsurface Site Investigation for the 634 New Park Avenue property in West Hartford, Connecticut. This Task 210 – Subsurface Site Investigation was completed in association with the New Britain to Hartford Busway, Elmwood Station 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 634 New Park Avenue property. This Task 210 – Subsurface Site Investigation was therefore conducted on the 634 New Park 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 634 New Park 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 will be conducted on the property located at 634 New Park Avenue property that will comprise a portion of the proposed Elmwood Station. The 634 New Park Avenue property is located on the eastern side of New Park Avenue, approximately 533 feet northeast of the intersection of New Britain and New Park Avenues in West Hartford, Connecticut. The parcel comprises approximately 0.48 acres, and contains a Monro Muffler Shop service garage. The onsite building consists of a one-story service garage and parts storage building that comprises approximately 4,215 square feet and was constructed in 1992. The building is currently connected to the Metropolitan District Commission's public water distribution and sewer systems. The property is currently owned by Lombardi Auto Body Incorporated.

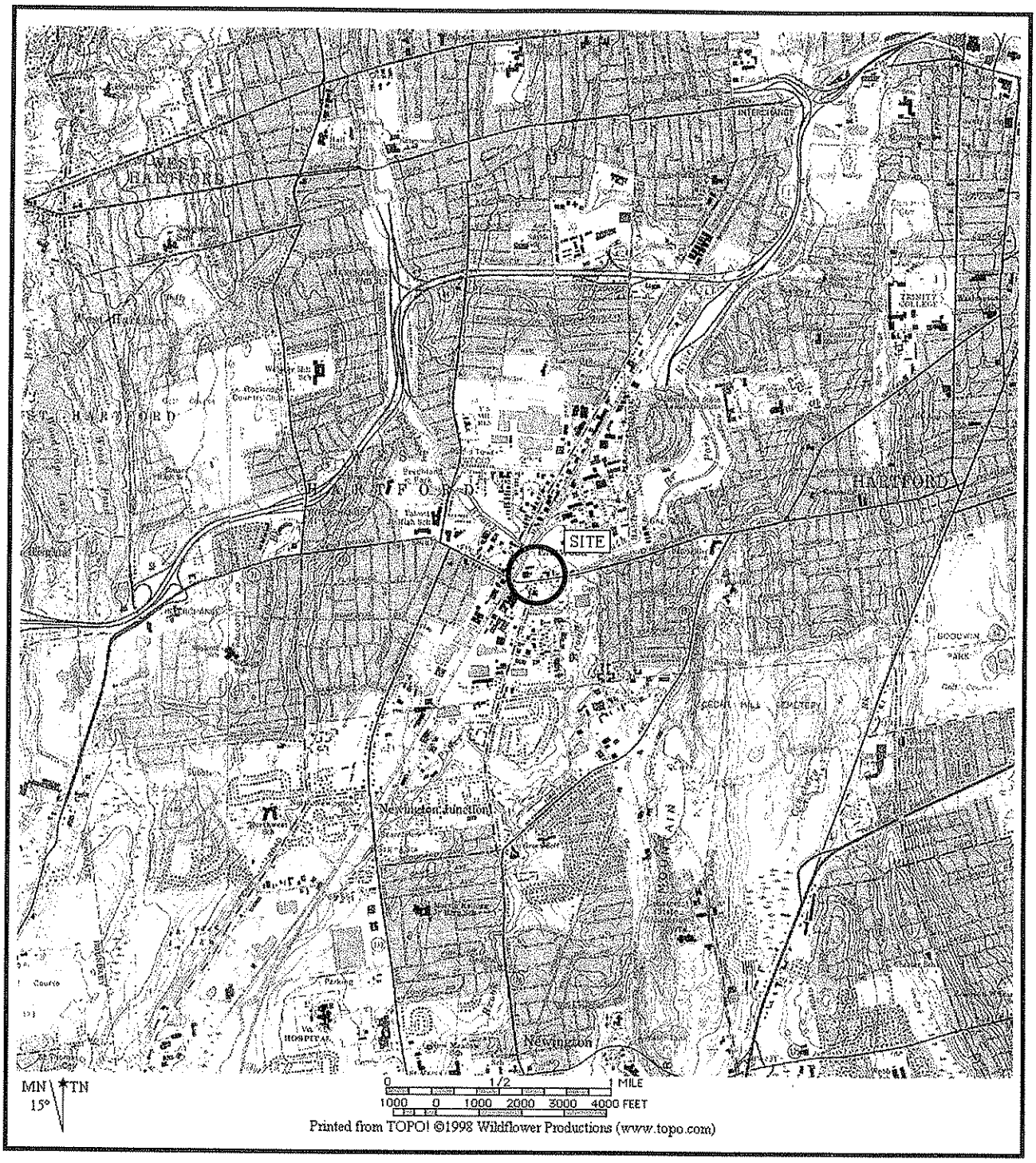


FIGURE 1 – SITE LOCATION PLAN

Elmwood Station: 634 New Park Avenue

New Britain to Hartford Busway Project – Elmwood Station

West Hartford, Connecticut

The current onsite automotive repair garage replaced a previous structure that was constructed in 1953 and razed in 1992. Monro Muffler has occupied the Site from 1992 to the present. Lombardi Auto Body and Elmwood Nissan Auto Body have occupied the Site from the early 1950's to the early 1990's. During this time period, the property was also utilized as a used car dealership. Prior to the early 1950's, the majority of the property was apparently vacant until the early 1920's, when it contained a cider mill located in the northwest corner of the lot. Based upon the former presence of an auto body repair shop on the site after 1967, the 634 New Park Avenue property would be considered an "Establishment" as defined by the Connecticut Transfer Act (Sections 22a-134 through 22a-134e of the Connecticut General Statutes [CGS]).

Information found in the Town of West Hartford's files indicated that a previous Phase II Site Assessment was conducted at the Site in 1991 by Malcolm Pirnie, in association with the sale of the property in accordance with the Transfer Act. Although no Property Transfer Forms were apparently ever filed with the CTDEP, the investigation noted the presence of an onsite septic system and a 1,000-gallon fuel oil UST located to the west of the former onsite automotive repair garage. Additional potential areas of concern identified in the Phase II included air compressors and a drum storage area located to the east of the building, a car washing area to the north of the building, and "seeps" located along the southern property boundary. Three soil borings were advanced in the northwestern portion of the property and analyses of soil samples collected from the borings indicated the presence of petroleum hydrocarbons at an elevated concentration of 700 parts per million (ppm) from a sample collected from 2 to 4 feet below grade.

Prior to the construction of the current building, the 1,000-gallon heating oil UST was removed in 1992 and no contamination was noted in the tank grave area by the West Hartford Building Inspector.

The 634 New Park Avenue property was recommended for additional investigation in Tetra Tech Rizzo's June 2007 Task 120 – Preliminary Site Evaluation. The 634 New Park Avenue parcel is depicted in Figure 2 - Task 210 Project Area & Sampling Locations.

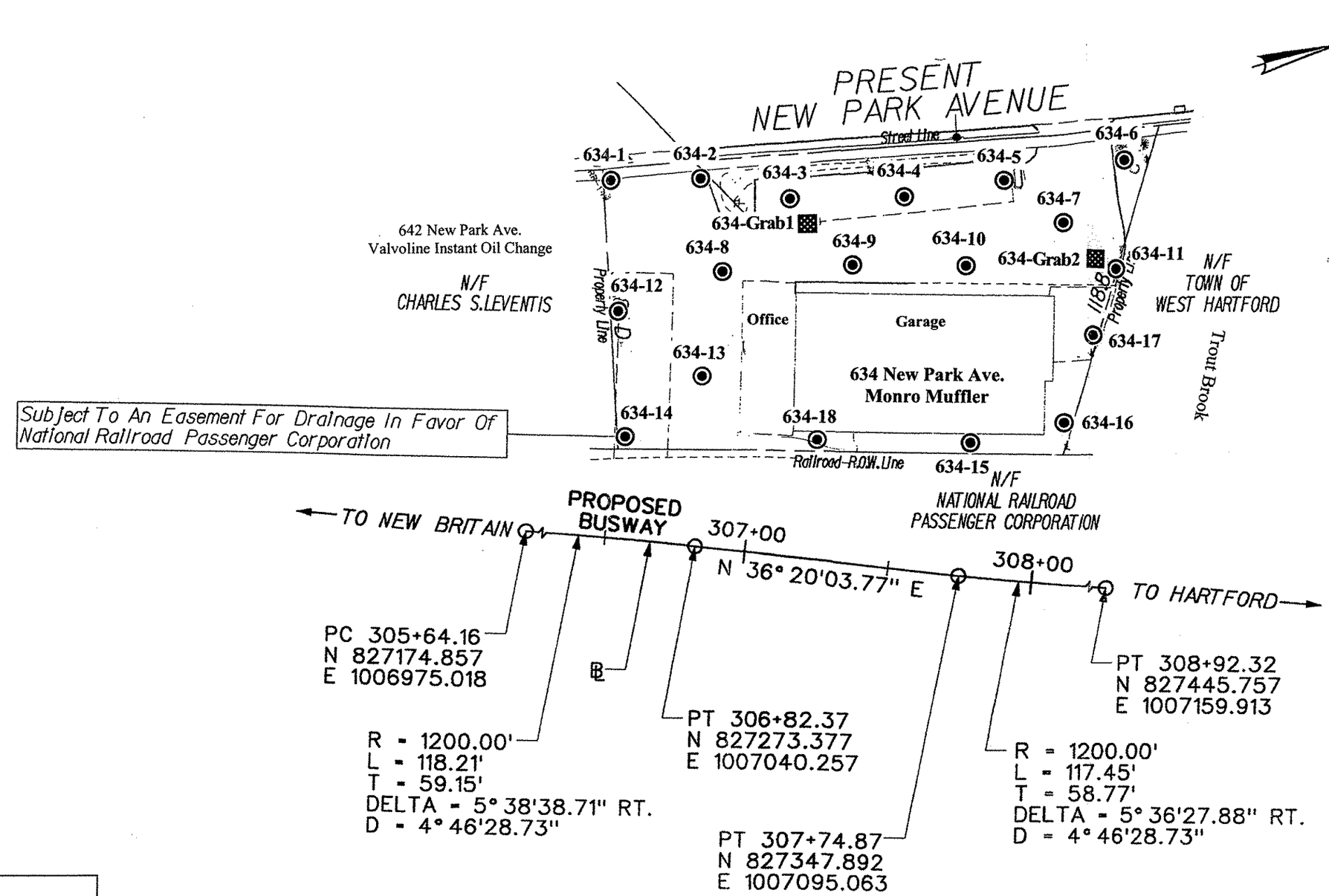


Figure 2 - Task 210 Project Area & Sampling Locations
Elmwood Station: 634 New Park Avenue
West Hartford, Connecticut

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 and its surrounding properties are connected to the Metropolitan District Commission (MDC) public water distribution system and municipal sewer system. Groundwater was not encountered in any of the soil borings advanced during this investigation. However, moist to very moist silty and clayey soils were encountered at depths ranging from approximately two (2) to eight (8) feet below grade.

The project area is located within the Trout Brook Basin, which is within the Park Regional Basin and the Connecticut Major Drainage Basin. There are no surface water bodies located on the property, although the Trout Brook is located adjacent to the north of the Site. Trout Brook flows towards the southeast and is a Class "B/A" surface water body, which indicates that it does not meet Class "A" surface water criteria. The goal is to restore the surface water quality to Class "A" standards.

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

3.2 Geology

The CTDEP's "Environmental GIS Data for Connecticut" indicates that the soils in the northern portion of the Site are stacked deposits consisting of Alluvium overlying Fines. The soil in the southern portion of the Site area is depicted as Fines. The Bedrock Geological Map of Connecticut, compiled by John Rodgers in 1985, indicates that the bedrock unit underlying the Site is the Portland Arkose, which is a red-brown arkosic sandstone.

Soils encountered during this investigation consisted of fill and sand units underlain by silt and clay units with varying amounts of sand and gravel. Bedrock was not encountered in any of the borings.

4.0 SUBSURFACE INVESTIGATION

Based on the current and former uses of the site, a comprehensive sampling program was conducted on the 634 New Park Avenue parcel. The following subsections detail the investigation. Authorization to access the property was obtained from the property owner, Lombardi Auto Body, Incorporated, and a copy of the Property Access Agreement Form is enclosed in Appendix A. The following subsections detail the investigation.

4.1 Geoprobe® Soil Borings & Soil Sample Analyses

On June 24 and 26, 2007, eighteen (18) Geoprobe® soil borings (634-1 through 634-18) were advanced on the 634 New Park Avenue property. The Geoprobe® borings were advanced by Logical Environmental Solutions (LES), under the direction of Tetra Tech Rizzo. 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 LES 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. The analyses of all soil samples included volatile organic compounds (VOCs) utilizing EPA Method 8260, petroleum hydrocarbons utilizing the Connecticut ETPH method, semi-volatile organic compounds (SVOCs) utilizing EPA Method 8270, and total and SPLP RCRA 8 metals. Soil samples collected from borings 634-3, 634-4, 634-14, 634-15, and 634-18 were also analyzed for pesticides utilizing EPA Method 8081A and polychlorinated biphenyls (PCBs) utilizing EPA Method 8082.

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 Tetra Tech Rizzo's June 2007 Task 210 - Subsurface Site Investigation Work Plan.

4.2 Catch Basin Drain Sample Collection & Analyses

Since groundwater was not encountered in any of the soil borings, two catch basin drain aqueous samples (Grab-1 and Grab-2) were collected for laboratory analyses. The catch basins are located in the southwest (Grab-1) and northern portion (Grab-2) of the asphalt-paved parking lot and contained surface water runoff. The drains appeared to be interconnected but do not appear connected to any type of stormwater retention oil-water separator system or municipal stormwater drain system.

The catch basin grab samples were placed in glassware supplied by Spectrum Analytical Laboratory, and stored in an ice-filled cooler. The samples were analyzed for VOCs (EPA Method 8260), SVOCs (EPA Method 8270), petroleum hydrocarbons (CTETPH Method), pesticides (EPA Method 8081A), PCBs (EPA Method 8082), and total RCRA 8 metals.

4.3 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. One (1) trip blank sample was prepared by Spectrum Analytical Laboratory and one (1) field blank sample was 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 field blank water sample was collected by pouring laboratory supplied de-ionized water through an acetate liner and macro-core cutting shoe, and collecting the rinsate in appropriate sample containers. The field blank sample was analyzed for the same parameters as the daily samples. The trip blank sample was 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 water 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.

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 Trout Brook, 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(e), which are located at the end of this report, and copies of the soil sample analytical results are included in Appendix C. The following summarizes the results of the analyses conducted on the soil samples.

Varying concentrations of petroleum hydrocarbons were detected in all of the borings from Below Reporting Limits (BRL) to 1,240 parts per million (ppm). The 4 to 8 foot sample from boring 634-3 contained petroleum hydrocarbons at a concentration of 1,240 ppm, which exceeds the Residential DEC of 500 ppm. No other soil sample contained petroleum hydrocarbons at concentrations that exceed any applicable CTDEP RSR criteria.

The 2 to 4 foot sample from boring 634-9 contained the VOC toluene (0.0064 ppm) at a low concentration that does not exceed any applicable CTDEP RSR criteria. The presence of the toluene in the sample may be due to field or laboratory contamination, as toluene was also detected in the field blank sample at a low concentration of 1.4 parts per billion (ppb). In addition, the 4 to 8 foot sample from boring 634-17 contained the VOC naphthalene (0.0231 ppm) at a low concentration that does not exceed any applicable CTDEP RSR criteria. No other soil sample contained detectable concentrations of VOCs.

Several SVOCs were detected at varying total concentrations ranging from BRL to 20.5 ppm. The 634-9 and 634-15 soil samples contained SVOCs at concentrations that exceed applicable CTDEP RSR criteria. The 2 to 4 foot sample from boring 634-9 contained the SVOCs benzo(a)pyrene (1.07 ppm) and benzo(b)fluoranthene (1.01 ppm) at concentrations that exceed their respective GB PMC and 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 634-15 contained the compounds benzo(a)pyrene (2.76 ppm), benzo(b)fluoranthene (2.47 ppm), benzo(k)fluoranthene (2.15 ppm), chrysene (1.67 ppm), and indeno(1,2,3-cd)pyrene (1.98 ppm) at concentrations that exceed their respective GB PMC. In addition, the compounds benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were 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 634-3, 634-4, 634-14, 634-15, and 634-18 soil samples did not contain detectable concentrations of pesticides and PCBs.

Total and leachable concentrations of the metals arsenic, barium, cadmium, chromium, lead, and mercury were detected at varying concentrations in the soil samples. The 2 to 4 foot sample from boring 634-5 contained leachable lead (0.233 ppm) at a concentration that exceeds its GB PMC of 0.15 ppm. No other soil sample contained total or leachable metals at concentrations that exceed any applicable CTDEP RSR criteria.

5.3 Results of Catch Basin Grab Sample Analyses

Two catch basin grab samples (634-Grab1 and 634-Grab2) collected from onsite catch basins were sent to Spectrum Analytical for laboratory analyses. A summary of the laboratory results from the catch basin samples is presented in Table 2, which is located at the end of this report, and copies of the catch basin analytical results are included in Appendix D. For the purpose of comparison, the catch basin grab samples were compared to the CTDEP's groundwater criteria.

The catch basin samples did not contain detectable concentrations of SVOCs, pesticides, and PCBs. Petroleum hydrocarbons were detected in the 634-Grab1 (4.2 ppm) and 634-Grab2 (7.4 ppm) at elevated concentrations. The concentrations detected do not exceed any GB groundwater area RSR criteria.

The 634-Grab1 contained the VOCs acetone (10.3 parts per billion (ppb), toluene (1.1 ppb), and total xylenes (3.6 ppb) at low concentrations that do not exceed any CTDEP RSR criteria. The 634-Grab2 sample also contained the VOC acetone (13.2 ppb) at a low concentration that does not exceed any CTDEP RSR criteria.

Total arsenic, barium and lead were detected at varying concentrations in the catch basin samples. The 634-Grab2 sample contained total arsenic (0.0042 ppm) at a concentration that exceeds the CTDEP SWPC of 0.004 ppm. No other metals were detected at concentrations that exceed any CTDEP RSR criteria.

5.4 Quality Assurance/Quality Control Samples

The trip blank sample (TB-1) did not contain detectable concentrations of VOCs. The field blank sample (FB-1) did not contain detectable concentrations of petroleum hydrocarbons, SVOCs, pesticides, PCBs, and total RCRA metals. However, the FB-1 sample contained the VOC toluene at a low concentration of 1.4 ppb. The presence of toluene in the field blank sample at a low concentration is negligible and is either due to field or laboratory contamination. 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 catch basin grab samples for this Task 210 investigation, four (4) areas of environmental concern (AOECs) have been identified where contaminants are present at concentrations that exceed applicable CTDEP RSR criteria. In addition, four (4) low-level areas of environmental concern (LLAOECs) have been identified, where contaminants were detected at concentrations below applicable CTDEP RSR standards, but above laboratory detection limits. The locations of the AOECs and LLAOECs within the project site are discussed in the following sections.

6.1 Areas of Environmental Concern

AOEC #1: Borings 634-3 & 634-9:

Analytical results from the soil samples collected from borings 634-3 and 634-9 indicate the presence of petroleum hydrocarbon and SVOC contamination at elevated concentrations in soil ranging from 2 to 8 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Boring 634-5:

Analytical results from the soil sample collected from boring 634-5 indicate the presence of leachable lead contamination at an elevated concentration in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC.

AOEC #3: Boring 634-15:

Analytical results from the soil sample collected from boring 634-15 indicate the presence of SVOC contamination at elevated concentrations in soil ranging from 2 to 4 feet below grade. The contaminants detected are present at concentrations exceeding the GB PMC and Residential DEC.

AOEC #4: Sample 634-Grab2:

Analytical results from the 634-Grab2 catch basin aqueous sample collected from the catch basin located along the northern portion of the asphalt-paved parking lot indicate the presence of total arsenic at an elevated concentration that exceeds the SWPC. This sample also contained petroleum hydrocarbons and the VOCs acetone, toluene, and total xylenes at concentrations that do not exceed any CTDEP RSR criteria.

6.2 Low Level Areas of Environmental Concern

LLAOEC #A: Boring 634-1:

Analytical results from the soil sample collected from boring 634-1 indicate the presence of petroleum hydrocarbons and SVOCs at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 2 to 4 feet below grade.

LLAOEC #B: Borings 634-4, 634-6, 634-7, 634-10, 634-11, 634-16 & 634-17:

Analytical results from the soil samples collected from borings 634-4, 634-6, 634-7, 634-10, 634-11, 634-16, and 634-17 indicate the presence of petroleum hydrocarbons, SVOCs, and VOCs at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from 2 to 8 feet below grade.

LLAOEC #C: Boring 634-18:

Analytical results from the soil sample collected from boring 634-18 indicate the presence of petroleum hydrocarbons and SVOCs at concentrations below CTDEP RSR standards. The contamination was detected in the soil ranging from the surface (0) to 2 feet below grade.

LLAOEC #D: Sample 634-Grab1:

Analytical results from the 634-Grab1 aqueous sample collected from the catch basin located in the southwest portion of the asphalt-paved parking area indicate the presence of petroleum hydrocarbons and VOCs at concentrations below CTDEP RSR standards.

7.0 RECOMMENDATIONS

The results of the Task 210 – Subsurface Site Investigation for the 634 New Park Avenue property, in association with the New Britain to Hartford Busway, Elmwood Station project in West Hartford, Connecticut indicate the presence of petroleum hydrocarbons, SVOCs, and leachable lead at slightly elevated concentrations in the soil that exceed applicable RSR criteria. The contamination was detected in soils ranging in depth from 0 to 8 feet below grade. In addition, waste liquid within an onsite catch basin is impacted with total arsenic at a concentration that exceeds the CTDEP SWPC. Four (4) Areas of Environmental Concern (AOECs) and four (4) Low-Level Areas of Environmental Concern (LLAOECs) have been identified within the project area.

Special considerations for treatment/disposal, dewatering activities, and worker health and safety must be given to these areas in order to ensure compliance with all local, State and Federal laws. Task 310 Plans and Specifications are therefore recommended to address proposed construction activities within the Areas of Environmental Concern and Low-Level Areas of Environmental Concern described in Section 6.0 above.

8.0 LIMITATIONS

All work product and reports provided by Tetra Tech Rizzo 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, Tetra Tech Rizzo 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 Tetra Tech Rizzo at the time of this investigation. To the extent that such files are missing, incomplete or not provided to Tetra Tech Rizzo, Tetra Tech Rizzo is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Tetra Tech Rizzo 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 Tetra Tech Rizzo, and the conclusions and recommendations presented herein modified accordingly.

5. Where quantitative laboratory analyses have been conducted by an outside certified laboratory, Tetra Tech Rizzo 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 Tetra Tech Rizzo 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		
Cindy Knight Logical Env. Solutions	David P. Brassard, P.E., L.E.P Project Manager	John E. Adams, L.E.P., L.S.P Senior Vice President

TABLES

TABLE 1(a) - Results of Geoprobe® Boring Soil Sample Analyses
New Britain-Hartford Busway: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	634-1 2'-4'	634-2 4'-8'	634-3 4'-8'	634-4 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	154	BRL	***1,240***	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Anthracene	BRL	BRL	BRL	0.285	40 ppm	1,000/2,500 ppm
Benzo(a)anthracene	BRL	BRL	BRL	0.515	1 ppm	1/7.8 ppm
Benzo(a)pyrene	0.258	BRL	BRL	0.495	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.256	BRL	BRL	0.536	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	BRL	BRL	BRL	0.438	1 ppm	8.4/78 ppm
Chrysene	0.25	BRL	BRL	0.593	1 ppm	84/780 ppm
Fluoranthene	0.336	BRL	BRL	1.11	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	BRL	0.593	40 ppm	1,000/2,500 ppm
Pyrene	0.446	BRL	BRL	1.15	40 ppm	1,000/2,500 ppm
Total SVOCs	1.546	BRL	BRL	5.715		
Pesticides - Method 8081 (ppm)	NA	NA	BRL	BRL		
PCBs – Method 8082 (ppm)	NA	NA	BRL	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	3.61	3.64	4.2	2.66		10/10 ppm
Barium	89.2	97.6	85.9	114		4,700/140,000 ppm
Cadmium	BRL	BRL	0.552	BRL		34/1,000 ppm
Chromium	18.3	21.0	13.3	18.9		100/100 ppm
Lead	14.8	14.3	172.3	59.1		500/1,000 ppm
Mercury	BRL	BRL	0.0418	0.0516		20/610 ppm
SPLP RCRA 8 Metals - ppm						Not Applicable
Barium	0.0482	0.0384	0.014	0.0765	10.0 ppm	
Lead	0.0237	BRL	BRL	0.02	0.15 ppm	

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

NA – Not Analyzed for this procedure

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: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	634-5 2'-4'	634-6 2'-4'	634-7 2'-4'	634-8 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	41.4	63.9	145	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	BRL	0.245	0.606	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	0.525	0.286	0.617	BRL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.541	0.282	0.597	BRL	1 ppm	1/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	0.311	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	0.582	BRL	1 ppm	8.4/78 ppm
Chrysene	0.513	0.33	0.885	BRL	1 ppm	84/780 ppm
Fluoranthene	0.644	0.456	1.14	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	0.263	BRL	1 ppm	1/7.8 ppm
Phenanthrene	BRL	BRL	0.468	BRL	40 ppm	1,000/2,500 ppm
Pyrene	0.647	0.508	1.59	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	2.87	2.107	7.059	BRL		
Pesticides - Method 8081 (ppm)	NA	NA	NA	NA		
PCBs – Method 8082 (ppm)	NA	NA	NA	NA	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	2.51	5.32	6.71	2.37		10/10 ppm
Barium	73.3	85.5	132.0	127.0		4,700/140,000 ppm
Cadmium	BRL	BRL	0.593	BRL		34/1,000 ppm
Chromium	14.8	17.8	24.9	22.6		100/100 ppm
Lead	57.0	46.9	55.9	20.4		500/1,000 ppm
Mercury	0.035	BRL	BRL	BRL		20/610 ppm
SPLP RCRA 8 Metals – ppm						Not Applicable
Arsenic	0.218	BRL	BRL	BRL	0.5 ppm	
Barium	0.23	0.0132	0.046	0.117	10.0 ppm	
Chromium	0.129	BRL	BRL	0.0171	0.5 ppm	
Lead	***0.233***	BRL	BRL	0.0152	**0.15 ppm**	
Selenium	0.102	BRL	BRL	BRL	0.5 ppm	

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

NA – Not Analyzed for this procedure

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: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	634-9 2'-4'	634-10 4'-8'	634-11 2'-4'	634-12 4'-8'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	138	63.1	72.3	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Toluene	0.0064	BRL	BRL	BRL	67 ppm	500/1,000 ppm
SVOCs - Method 8270 (ppm)						
Benzo(a)anthracene	0.675	BRL	0.556	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	***1.07***	BRL	0.53	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	***1.01***	BRL	0.518	BRL	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	0.512	BRL	BRL	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.811	BRL	0.485	BRL	1 ppm	8.4/78 ppm
Chrysene	0.741	BRL	0.725	BRL	1 ppm	84/780 ppm
Fluoranthene	0.958	0.264	1.02	BRL	56 ppm	1,000/2,500 ppm
Phenanthrene	BRL	BRL	0.325	BRL	40 ppm	1,000/2,500 ppm
Pyrene	1.26	0.266	1.17	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	7.037	0.53	5.329	BRL		
Pesticides - Method 8081 (ppm)	NA	NA	NA	NA		
PCBs – Method 8082 (ppm)	NA	NA	NA	NA	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	BRL	2.12	6.37	4.13		10/10 ppm
Barium	31.0	83.0	108.0	244.0		4,700/140,000 ppm
Cadmium	BRL	BRL	BRL	0.887		34/1,000 ppm
Chromium	8.49	17.2	21.4	46.7		100/100 ppm
Lead	9.39	36.8	43.7	18.1		500/1,000 ppm
Mercury	BRL	0.0831	0.0555	BRL		20/610 ppm
SPLP RCRA 8 Metals – ppm						Not Applicable
Barium	0.0133	0.0228	0.015	0.113	10.0 ppm	
Chromium	BRL	BRL	BRL	0.0171	0.5 ppm	

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

NA – Not Analyzed for this procedure

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: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	634-13 2'-4'	634-14 2'-4'	634-15 2'-4'	634-16 2'-4'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	BRL	222	40.3	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL		
SVOCs - Method 8270 (ppm)						
Benzo(a)pyrene	BRL	BRL	***2.76***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	BRL	BRL	***2.47***	BRL	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	BRL	BRL	2.0	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	BRL	BRL	***2.15***	BRL	**1 ppm**	8.4/78 ppm
Chrysene	BRL	BRL	***1.67***	BRL	**1 ppm**	84/780 ppm
Fluoranthene	BRL	BRL	3.02	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	BRL	BRL	***1.98***	BRL	**1 ppm**	1/7.8 ppm
Phenanthrene	BRL	BRL	1.57	BRL	40 ppm	1,000/2,500 ppm
Pyrene	BRL	BRL	2.88	BRL	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	BRL	20.5	BRL		
Pesticides - Method 8081 (ppm)	NA	BRL	BRL	NA		
PCBs – Method 8082 (ppm)	NA	BRL	BRL	NA	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm					Not Applicable	
Arsenic	4.34	4.91	2.75	5.91		10/10 ppm
Barium	215.0	257.0	118.0	72.6		4,700/140,000 ppm
Cadmium	0.822	0.97	BRL	BRL		34/1,000 ppm
Chromium	39.1	44.9	15.8	16.6		100/100 ppm
Lead	15.6	18.1	79.6	30.4		500/1,000 ppm
Mercury	BRL	BRL	0.0521	BRL		20/610 ppm
SPLP RCRA 8 Metals – ppm						Not Applicable
Barium	0.0429	0.0364	0.0244	BRL	10.0 ppm	

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

NA – Not Analyzed for this procedure

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: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Boring I.D.: Sample Depth:	634-17 4'-8'	634-18 0'-2'	CTDEP PMC GB Groundwater Area	CTDEP DEC Residential/ Commercial & Industrial
CT ETPH - (ppm)	BRL	243	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)				
Naphthalene	0.0231	BRL	56 ppm	1,000/2,500 ppm
SVOCs - Method 8270 (ppm)				
Fluoranthene	BRL	0.398	56 ppm	1,000/2,500 ppm
Pyrene	BRL	0.413	40 ppm	1,000/2,500 ppm
Total SVOCs	BRL	0.811		
Pesticides - Method 8081 (ppm)	NA	BRL		
PCBs – Method 8082 (ppm)	NA	BRL	Not Applicable	1/10 ppm
Total RCRA 8 Metals – ppm			Not Applicable	
Arsenic	6.72	3.07		10/10 ppm
Barium	78.6	23.0		4,700/140,000 ppm
Chromium	22.0	8.96		100/100 ppm
Lead	13.4	27.9		500/1,000 ppm
Mercury	BRL	0.0666		20/610 ppm
SPLP RCRA 8 Metals – ppm	BRL	BRL		

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

NA – Not Analyzed for this procedure

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 Catch Basin Grab Sample Analyses
New Britain-Hartford Busway: Elmwood Station
634 New Park Avenue
West Hartford, Connecticut

Sample I.D.:	634-Grab1	634-Grab2	CTDEP Surface Water Protection Criteria	CTDEP Volatilization Criteria Residential/Commercial & Industrial
CT ETPH (ppm)	4.2	7.4	None Established	Not Applicable
VOCs - EPA Method 8260 (ppb)				
Acetone	10.3	13.2	None Established	50,000/50,000 ppb
Toluene	1.1	BRL	4,000,000 ppb	23,500/50,000 ppb
Xylenes (total)	3.6	BRL	None Established	21,300/50,000 ppb
SVOCs - EPA Method 8270 (ppb)	BRL	BRL		
Pesticides - Method 8081 (ppm)	BRL	BRL		
PCBs – Method 8082 (ppm)	BRL	BRL		
Total RCRA 8 Metals – ppm				Not Applicable
Arsenic	BRL	***0.0042***	**0.004 ppm**	
Barium	0.0382	0.0134	None Established	
Lead	0.0087	0.0075	0.013 ppm	

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

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

APPENDIX A
CTDOT Property Access Agreement Form

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Town West Hartford
Project 171-305

Name Lombardi Auto Body Inc.
Address 634 New Park Avenue
West Hartford, CT

Dear Property Owner:

Section 13a-60 of the General Statutes of Connecticut, as revised, provides that the Transportation Commissioner or his agent may enter upon private property for the purpose of conducting surveys, inspections or geological investigations for the location, relocation, construction or reconstruction of any proposed or existing highways.

Section 13a-60 provides that the Transportation Commissioner or his agent shall use care that no unnecessary damage shall result and that the State shall pay damage to the owner for any damage or injury he causes such owner by such entrance or use.

Your consent to the Transportation Commissioner or his agent to enter upon your property for the purpose of carrying out the provisions of this statute is requested.

A signature to authorize entrance upon your property does not indicate your approval or disapproval of the above-noted project.

Please sign in the space provided below and return [redacted] in the enclosed self-addressed stamped envelope. Thank you for your cooperation.

Very truly yours,

Arthur W. Gruhn, P.E.
Chief Engineer

I hereby give my consent to the Transportation Commissioner or his agent to enter upon my property in order to carry out the provisions of Sec. 13a-60 of the 1969 Supplement to the General Statutes and for the purposes as checked.

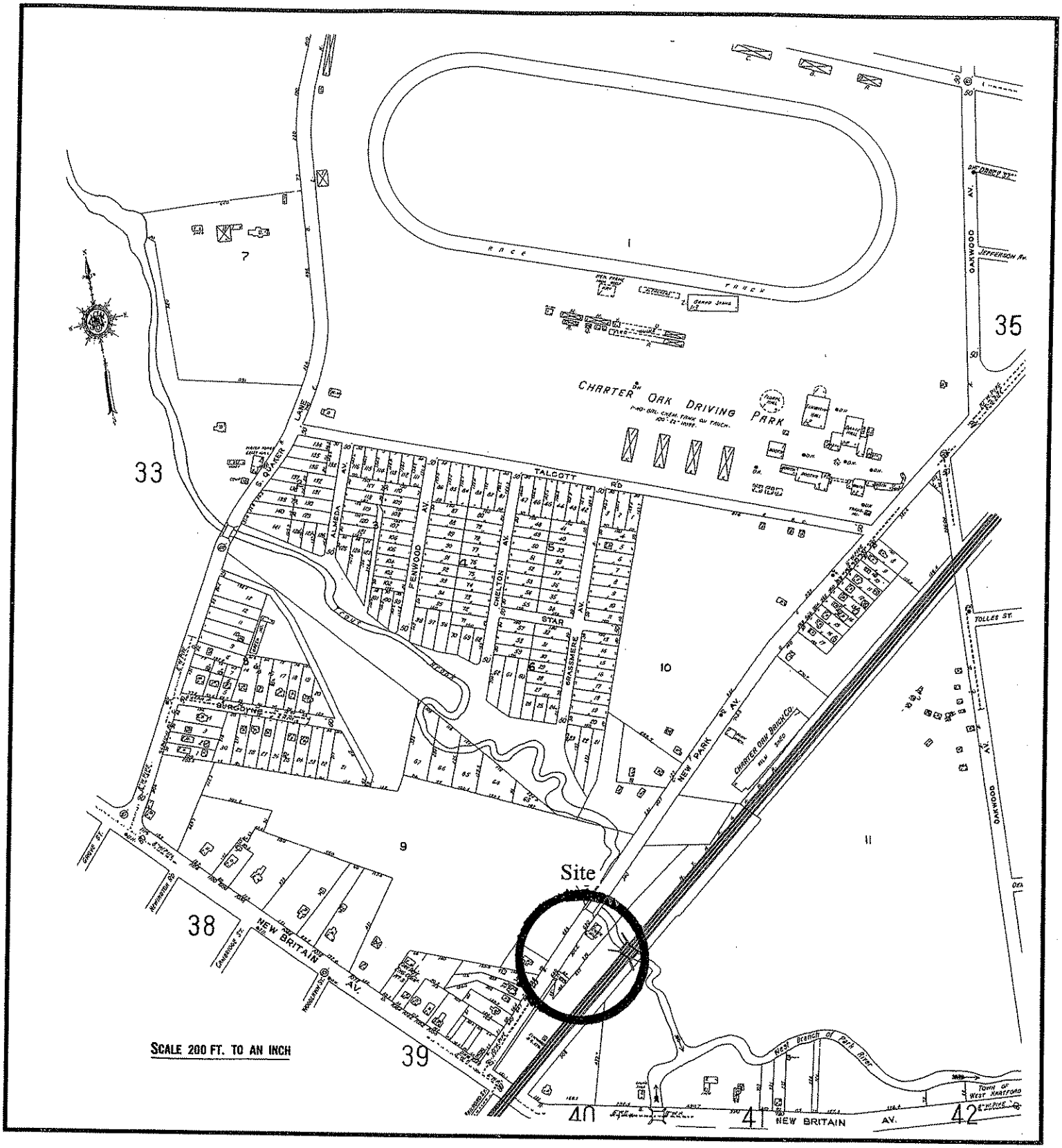
LOMBARDI AUTO BODY, INC.

___ Survey
X Borings, Soundings or Other Tests

Owner By: Dominick Lombardi Date 6-11-07
Interviewer _____ Date _____

An Equal Opportunity Employer
Printed on Recycled or Recovered Paper

APPENDIX A
Copies of Sanborn Fire Insurance Map



Copy of 1923 Sanborn Map
634 & 642 New Park Avenue
West Hartford, Connecticut

APPENDIX B
Copies of CTDEP
File Information

MURTHA, CULLINA, RICHTER AND PINNEY
CITYPLACE
P. O. BOX 3197
HARTFORD, CONNECTICUT 06103-0197
TELEPHONE (203) 240-6000
TELECOPIER (203) 240-6150

NEW HAVEN OFFICES
205 CHURCH STREET
P. O. BOX 2044
NEW HAVEN, CT 06521-2044
(203) 865-3101

383 ORANGE STREET
P. O. BOX 704-A
NEW HAVEN, CT 06503-0704
(203) 865-4404

JOHN S. MURTHA
JOHN W. BARCLAY
WILLIAM M. CULLINA
DONALD P. RICHTER
SIDNEY D. PINNEY, JR.
J. READ MURPHY
MICHAEL SUDARSKY
JAMES B. LYON
BRANDON J. HICKEY
GEOFFREY W. NELSON
RUSSELL L. BRENNEMAN
STEPHEN E. RONAI
ROBERT N. SCHMALZ
JOHN C. YAVIS, JR.
JOHN E. SILLIMAN
ARTHUR B. LOCKE
H. CHANDLER CLARK
DAVID C. ANDERSON
WILLARD F. PINNEY, JR.
TIMOTHY L. LARGAY
PETER G. GILLIN

IRWIN J. HAUSMAN
THOMAS M. CLOHERTY
HUGH P. McGEE, JR.
JOHN M. OLEYER
FRANCIS J. BRADY
DWIGHT A. JOHNSON
CHARLES E. DRUMMEY
BARRY FELDMAN
JOHN T. DEL NEGRO
WILLIAM J. KEENAN, JR.
H. KENNEDY HUDNER
MARK F. KORBER
ROBERT A. WHITE
LISSA J. PARIS
ROBERT V. GIUNTA, JR.
J. PHILIP SMYTH
MARK R. SUSSMAN
SARA R. STADLER

RICHARD HOOKER
COUNSEL

SUSAN M. ORR

LOUIS B. TODISCO
PAUL R. McCARY
BARRY J. WATERS
GEORGE A. DAGON, JR.
FRANK J. SACCOMANDI, III
R. BRADFORD FAWLEY
M. KATHERINE GLASSMAN
KATHERINE V. TURNER
KAREN E. HERBERT
JOHN D. NEWMAN
RICHARD S. SMITH, JR.
THOMAS J. JOYCE
NAN MEAD BIRDWHISTELL
JOHN M. MONAHAN
PATRICK G. EAGLIN

MARY ADAMOWICZ
GAIL BOGOSSIAN
ROBERT A. FEINER
FRANK GIORDANELLA
CATHERINE E. LAMARR
MARTHA EVERETT MENG
DINA PLAPLER
BARBARA A. SARRANTONIO
RHONDA M. WEXLER
ALISON S. HARRIS
MARK MININBERG
THOMAS ROBERTS
ALFRED E. SMITH, JR.
ELIZABETH J. STEWART
DAVID F. WEBER
JILL L. COBERT

August 31, 1987

State of Connecticut
Department of Environmental
Protection
Hazardous Waste Management Section
Transfer Program
165 Capitol Avenue
Hartford, Connecticut 06106

Ladies and Gentlemen:

Enclosed please find a Form I Negative Declaration with respect to property at 642 New Park Avenue in West Hartford, Connecticut.

Please note that, although the transferor is filing this negative declaration evidencing the conveyance of title to the real property, the transferor believes that the business operations at this site do not constitute an "establishment" within the definition of Public Act 85-568, and has so stated in an addendum to the declaration attached thereto as page 5.

Should you have any questions with respect to this filing, please feel free to contact me, as counsel to the transferor, at 240-6074.

Sincerely yours,

Susan M. Orr

Susan M. Orr

cc: Robert S. Zarchen
Stephen McEleney, Esq.

RECEIVED
SEP 03 1987
HAZARDOUS MATERIALS
MANAGEMENT UNIT

FORM I - NEGATIVE DECLARATION 10/85

Submitted pursuant to Public Act 85-568

(Complete all sections of Form I when no release has occurred at the establishment being transferred.)

SECTION A. GENERAL ESTABLISHMENT INFORMATION

1. OWNER OF ESTABLISHMENT *

a. Name (if corporation, the full exact name as registered with the Connecticut Secretary of State):

Estate of Leonard Lagosh, d/b/a Westside Automotive

b. Mailing Address: Street: 642 New Park Avenue

Town: West Hartford State CT Zip 06110

c. Authorized Contact: Name: Walter M. Lagosh, Jr.

Title: Administrator

Phone No.: (203) 563-0031

d. EPA (RCRA) ID No.: CTD _ _ _ _ _ _ _ _ _ (none)

e. Type of transfer: change in ownership

(conveyance of real property)

2. OPERATOR OF ESTABLISHMENT *

a. Name (if corporation, the full exact name as registered with the Connecticut Secretary of State):

Westside Automotive

b. Mailing Address: Street: 642 New Park Avenue

Town: West Hartford State CT Zip 06110

c. Authorized Contact: Name: Alfred Case

Title: Owner

Phone No.: (203) 236-0819

* See addendum at Page 5.

RECEIVED
SEP 02 1997
HAZARDOUS MATERIALS MANAGEMENT UNIT

3. PROPERTY OWNER

a. Name: Robert S. Zarchen
(as appears in land records)

b. Mailing address: Street: 520 Brickell Key Drive Unit 1611

Town: Miami State FL Zip 33131

c. Authorized Contact: Name: Robert S. Zarchen

Title: N/A

Phone No.: (305) 381-9910

SECTION B: CERTIFICATION

An establishment* located at 642 New Park Avenue, West Hartford
(street) (town)

is being transferred on 0 8 / 2 1 / 8 7 by Robert S. Zarchen
(Date) (Transferor)

to Genevieve Lagosh, Walter M. Lagosh, Jr., Daniel Lagosh and Federick Lagosh
(Transferee)

I hereby certify that to the best of my knowledge and belief upon reasonable investigation, there has been no discharge, spillage, uncontrolled loss, seepage, or filtration of hazardous wastes by current or previous owners or operators and that any hazardous waste which remains on-site is being managed in accordance with Chapters 445 and 446k of the Connecticut General Statutes and regulations adopted thereunder.

I have personally examined and am familiar with the information submitted in this document and certify that based on reasonable investigation, including inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge and belief the submitted information is true, accurate, and complete. I am aware that if I knowingly submit false information or fail to comply with the provisions of Public Act 85-568, sections 2 through 6 inclusive I may be subject to a forfeiture of up to $100,000.

(Continued on next page...)

* See addendum at Page 5.

I further certify that I submitted this declaration to the transferee prior to the transfer of the establishment.*

Authorized signature for transferor (as specified in the instructions):

Name (Type or Print): Robert S. Zarchen

Title: N/A

Representing: Property Owner/Transferor

Signature:

Date signed: 08/21/87

"Subscribed and sworn to before me this

21st day of August, 1987."

Notary Public: Susan M. Orr

Susan M. Orr

****

This document was received by me on 08/21/87 as the transferee.

Name (Type or Print): Walter M. Lagosh, Jr.

Title: N/A

Representing: Establishment Owner/Transferee

Signature:

Form prescribed by the Connecticut Dept. of Environmental Protection 10/85

The DEP has not reviewed the information submitted in this form and does not certify that the information is correct.

* See addendum at Page 5.

RECEIVED
SEP 02 1987
HAZARDOUS MATERIALS MANAGEMENT UNIT

FORM OF ACKNOWLEDGEMENT

(Attach to certification for Forms I, II, and III)

FOR INDIVIDUAL:

State of Connecticut ss. (Town, City, Date)

County of Hartford

On this the 21st day of August, 19 87, before me,

Susan M. Orr, the undersigned officer, personally
(Name of Notary)
appeared Robert S. Zarchen, known to me
(Name of individual(s))
(or satifactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he/she/they executed the same for the purposes therein contained.

In witness whereof I hereunto set my hand.

Susan M. Orr
(Signature of Notary Public)

FOR A CORPORATION

State of Connecticut ss. (Town, City, Date)

County of: _____

On this the ____ day of _____, 19____, before me,

_____, the undersigned officer, personally
(Name of Notary)
appeared _____ who acknowledged himself to be
(Name of officer)
the _____ of _____,
(Title of officer) (Name of corporation)
a corporation, and that he, as such _____, being
(Title of officer)
authorized so to do, executed the foregoing instrument for the purposes therein contained, bu signing the name of the corporation by himself as

_____.
(Title of officer)

In witness whereof I hereunto set my hand.

_____
(Signature of Notary Public)

RECEIVED
SEP 02 1987
HAZARDOUS MATERIALS
MANAGEMENT UNIT

ADDENDUM

The Transferor is filing this Negative Declaration pursuant to a telephone recommendation made by an employee of the Department of Environmental Protection to file a declaration with respect to this transfer. The Transferor believes that it is not an "establishment" within the definition of Public Act No. 85-568 since, to the best of the Transferor's knowledge, the business conducted on the premises does not generate more than one hundred kilograms of hazardous waste per month, nor does it recycle, reclaim, reuse, store, handle, treat, transport or dispose of hazardous waste generated by another person or municipality.

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

September 17, 1987

Susan M. Orr
Murtha, Cullina, Richter & Pinney
City Place
P.O. box 3197
Hartford, CT 06103-0197

RE: Acknowledgement of Receipt of
Form I

Dear Ms. Orr:

I am writing to acknowledge receipt of a complete Negative Declaration Form I dated September 2, 1987, that was submitted pursuant to Connecticut General Statutes 22a-134(a) regarding the transfer of Westside Automotive located at 642 New Park Avenue in the Town of West Hartford, Connecticut.

This acknowledgement does not mean that the Department of Environmental Protection agrees that there has been no discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste on-site and that any hazardous waste which remains on-site is being managed in accordance with Chapters 445 and 446K of the general statutes and regulations adopted thereunder.

Should you have any questions, please feel free to contact [illegible] at (203) 566-1847.

Sincerely,

Edward C. Parker
Assistant Director
Hazardous Waste Management Section

ECP:JRG:kal
cc: Alfred Case
Walter M. Lagosh, Jr.
Robert S. Zarchen

Phone:
165 Capitol Avenue • Hartford, Connecticut 06106

An Equal Opportunity Employer

McELENEY & McGRAIL
ATTORNEYS AT LAW
THE McKONE BUILDING
363 MAIN STREET
HARTFORD, CONNECTICUT 06106

(203) 249-1400

FAX: (203) 549-5865

STEPHEN F. McELENEY
ALBERT J. McGRAIL

BARBARA D. AARON
RUSSELL M. LEHMAN

February 7, 1989

State of Connecticut
Department of Enviromental Protection
165 Capital Avenue
Hartford, CT 06106

Attention: Ms. Kim Lonergan, Hazardous Materials Managment Unit

Re: 642 Newpark Avenue, West Hartford, CT

Dear Kim:

Pursuant to our recent telephone conversations, enclosed please find a negative declaration regarding the above-captioned property which was discovered in the file for this closing which occured approximately 1 year ago while we were speaking with regard to Garment Care Cleaners negative declarations.

I apologize for any inconvenience this may have caused. If you have any questions, please do not hesitate to contact me.

Sincerely,

Kathi A. Sheehan
Real Estate Paralegal

KAS/kjm

enc

RECEIVED
FEB 10 1989
Hazardous Materials
Management Unit

FORM I - NEGATIVE DECLARATION 10/85

Submitted pursuant to Public Act 85-568

(Complete all sections of Form I when no release has occurred at the establishment being transferred.)

SECTION A. GENERAL ESTABLISHMENT INFORMATION

1. OWNER OF ESTABLISHMENT

a. Name (if corporation, the full exact name as registered with the Connecticut Secretary of State):

Estate of Leonard Lagosh, d/b/a Westside Automotive

b. Mailing Address: Street: 642 New Park Avenue

Town: West Hartford State CT Zip 06110

c. Authorized Contact: Name: Walter M. Lagosh, Jr.

Title: Administrator

Phone No.: (203) 563-0031

d. EPA (RCRA) ID No.: CID [illegible] (NONE)

e. Type of transfer: change in ownership (conveyance of real property)

2. OPERATOR OF ESTABLISHMENT

a. Name (if corporation, the full exact name as registered with the Connecticut Secretary of State):

Westside Automotive

b. Mailing Address: Street: 642 New Park Avenue

Town: West Hartford State CT Zip 06110

c. Authorized Contact: Name: Alfred Case

Title: Owner

Phone No.: (203) 236-0819

3. PROPERTY OWNER

a. Name: Genevieve Lagosh, Walter M. Lagosh, Jr., Daniel Lagosh & Frederick Lagosh
(as appears in land records)

b. Mailing address: Street: c/o 82 Orchard Hill Drive

Town: Wethersfield State CT Zip 06109

c. Authorized Contact: Name: Walter M. Lagosh, Jr.

Title: Owner

Phone No.: (203) 563-0031

SECTION B: CERTIFICATION

An establishment located at 642 New Park Avenue (street) West Hartford, CT (town)

is being transferred on 02 / 05 / 88 (Date) by Walter M. Lagosh, Jr., et al (Transferor)

to Charles S. Leventis (Transferee).

I hereby certify that to the best of my knowledge and belief upon reasonable investigation, there has been no discharge, spillage, uncontrolled loss, seepage, or filtration of hazardous wastes by current or previous owners or operators and that any hazardous waste which remains on-site is being managed in accordance with Chapters 445 and 446k of the Connecticut General Statutes and regulations adopted thereunder.

I have personally examined and am familiar with the information submitted in this document and certify that based on reasonable investigation, including inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge and belief the submitted information is true, accurate, and complete. I am aware that if I knowingly submit false information or fail to comply with the provisions of Public Act 85-568, sections 2 through 6 inclusive I may be subject to a forfeiture of up to $100,000.

(Continued on next page...)

I further certify that I submitted this declaration to the transferee prior to the transfer of the establishment.

Authorized signature for transferor (as specified in the instructions):

Name (Type or Print): Walter M Lagosh, Jr.

Title: Owner

Representing: All Property Owners

Signature: Walter M Lagosh Jr.

Date signed: 02 / 05 / 88

"Subscribed and sworn to before me this

5th day of February, 19 88."

~~Notary Public~~: Constance Augsburger
Commissioner of the Superior Court

****

This document was received by me on 02 / 05 / 88 as the transferee.

Name (Type or Print): Charles S. Leventis

Title: Transferee

Representing: Transferee

Signature: Charles S. Leventis

Address: 121 Wendover Road, Suffield, CT 06078

Form prescribed by the Connecticut Dept. of Environmental Protection 10/85

The DEP has not reviewed the information submitted in this form and does not certify that the information is correct.

NOTE: See Addendum Attached Hereto and Made a Part Hereof.

FORM OF ACKNOWLEDGEMENT

(Attach to certification for Forms I, II, and III)

FOR INDIVIDUAL:

State of Connecticut ss. (Town, City, Date) HARTFORD FEBRUARY 5, 1988

County of HARTFORD

On this the 5th day of February, 19 88, before me,

_____, the undersigned officer, personally
(Name of Notary)
appeared Walter M. Lagosh, Jr., known to me
(Name of individual(s))
(or satifactorily proven) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he/she/they executed the same for the purposes therein contained.

In witness whereof I hereunto set my hand.

Walter M Lagosh Jr
Constance Augsburger
~~(Signature of Notary Public)~~ Com'r of the Superior Court

FOR A CORPORATION

State of Connecticut ss. (Town, City, Date)

County of: _____

On this the ____ day of _____, 19____, before me,

_____, the undersigned officer, personally
(Name of Notary)
appeared _____ who acknowledged himself to be
(Name of officer)
the _____ of _____,
(Title of officer) (Name of corporation)
a corporation, and that he, as such _____, being
(Title of officer)
authorized so to do, executed the foregoing instrument for the purposes therein contained, bu signing the name of the corporation by himself as

_____.
(Title of officer)

In witness whereof I hereunto set my hand.

RECEIVED

FEB 10 1989

Hazardous Materials
Management Unit

_____

_____
(Signature of Notary Public)

ADDENDUM

The Transferors are filing this Negative Declaration pursuant to a telephone recommendation made by an employee of the Department of Environmental Protection to file a declaration with respect to this transfer. The Transferor believes that it is not an "establishment" within the definition of Public Act No. 85-563 since, to the best of the Trnasferors' knowledge, the business conducted on the premises does not generate more than one hundred kilograms of hazardous waste per month, nor does it recycle, reclaim, reuse, store, handle, treat, transport or dispose of hazardous waste generated by another person or municipality.

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

April 20, 1989

Kathi A. Sheehan
McEleney & McGrail
The McKone Building
363 Main Street
Hartford, CT 06106

RE: Acknowledgement of Receipt of
Form I

Dear Ms. Sheehan:

I am writing to acknowledge receipt of a complete Negative Declaration Form I dated February 10, 1989, that was submitted pursuant to Connecticut General Statutes 22a-134(a) regarding the transfer of Westside Automotive located at 642 New Park Avenue in the Town of West Hartford, Connecticut.

This acknowledgement does not mean that the Department of Environmental Protection agrees that there has been no discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste on-site and that any hazardous waste which remains on-site is being managed in accordance with Chapters 445 and 446K of the general statutes and regulations adopted thereunder.

Should you have any questions, please feel free to contact Kim Lonergan at (203) 566-5473.

Sincerely,

Edward C. Parker
Assistant Director
Hazardous Waste Management Section

ECP:kal
cc: Walter M. Lagosh, Jr.
Walter M. Lagosh

Environmental FirstSearch
Site Detail Report

Target Property: 640 NEW PARK AVE
WEST HARTFORD CT 06110

JOB: 171-305
BUSWAY - ELMWOOD STATION

STATE SPILLS SITE

SEARCH ID: 127 **DIST/DIR:** 0.01 SE **MAP ID:** 53

NAME:
ADDRESS: 642 NEW PARK AVENUE
WEST HARTFORD CT

CONTACT: NO RESPONSE

REV: 4/19/07
ID1: 200502336
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 4/19/2005
TIME OF RELEASE: 4:39:00 PM
ACTION: REFERRED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/19/2005 4:39:39 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 5235203

MATERIAL RELEASED: BATTERY ACID
CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: REFERRED TO 934. 8 BATTERIES FELL OFF A TRUCK. CLEANED UP BY THE FD. NO RESPONSE REQUIRED.

Common Identifier: _____

CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT, OIL AND CHEMICAL SPILL RESPONSE DIVISION
EMERGENCY INCIDENT REPORT FORM

CASE NO. 93-247 ASSIGNED TO: 913

DATE: 01/12/1993 TIME: (Military) 14:05 TOWN: West Hartford

REPORTED BY Art Major TELEPHONE: Business ( ) 561-5963 Home ( ) - -

Representing: Water Management

Street 122 Washington ST Town Hartford State _____ Zip Code _____

INCIDENT LOCATION: 634 (#) New Park Ave (Street) West Hartford (Town) _____ (Pole No.)

TYPE OF INCIDENT: LONGITUDE READING: _____ LATITUDE READING: _____ G.I.S. _____

☑ Petroleum ☐ Chemical ☐ Dielect ☐ Gaseous ☐ Hazardous Waste ☐ Sewage related ☐ Biomedical ☐ Algae ☐ Other _____

DISCHARGE SUBSTANCE: Gasoline

QUANTITY: unk gallon(s) | cubic yards | cubic feet | lb(s) | concentration | drum(s)

If this is a chemical release does this incident constitute a SARA 304 Release? ☐ Yes ☐ No If yes, then you must obtain the following additional information:

☐ SARA 304 Release - Extremely Hazardous Substance ☐ CERCLA Hazardous Substance Federal exceeding R.Q. ☐ Cross property line ☐ Protective actions have been taken

R.Q. #'s: _____ Total lb(s) _____ lb(s)

SARA Title III: Describe Protective actions and provide medical information:

DATE OF SPILL: 01/12/1993 (Month Date Year) ☐ unknown ☐ on-going TIME OF SPILL: 14:00 (Military Time)

HAS THE RELEASE BEEN TERMINATED? ☐ Yes ☐ No ☐ Release on-going ☐ unknown HAS THE RELEASE BEEN CONTAINED? ☐ Yes ☐ No ☐ no decision

Misc. Info: Art 278 7850 - mDL
mekmeil 18" Gasoline in hole where
excavating for Sewer

WATER BODY: Groundwater ☐ River ☐ L.I.S. ☐ Tributary ☐ Catch Basin/Storm drain ☐ Pond

MEDIA: ☐ air ☐ surface water ☐ ground water ☐ ground surface ☐ inside building ☐ other _____

TOTAL IN WATER: unk (approximate gallons) TOTAL RECOVERED FROM WATER: Unk

QUANTITY RECOVERED: _____ POLLUTER NAME: Sunoco Station

627 New Park Ave West Hartford
Polluter Mailing Address Phone

POLLUTER ACCEPTS FINANCIAL RESPONSIBILITY? ☒ Yes ☐ No ☐ unknown ☐ polluter unknown

CLEAN-UP ACTIONS BEING TAKEN: Contained + Removed

AGENCIES NOTIFIED: ☐ EPA-LEXINGTON ☐ U.S. COAST GUARD (Captain of the Port LIS) ☐ LOCAL FIRE MARSHAL ☒ LOCAL FIRE ☐ LOCAL POLICE ☐ Other _____

☐ AQUACULTURE ☐ STATE D.O.H.S. ☐ DEP/EQ/WATER ☐ DEP/EQ/AIR ☐ DEP/EQ/WASTE ☐ WEED/HW ☐ WEED/SW ☐ PMD ☐ UST ☐ SRCD ☐ DEP/AIR
☐ DEP/EC ☐ P&F ☐ F&W ☐ OPS ☐ OTHER _____ State Agencies: LEP

DATE OF NOTIFICATION: 01/12/1993 (Month Date Year) TIME OF NOTIFICATION: 14:00 (Military Time)

DISCHARGE CLASS:

1 ☑ Unknown	4 ☐ Industrial	7 ☐ Private	10 ☐ Utility
2 ☐ Marine Terminal	5 ☐ Transportation	8 ☐ Vessel	11 ☐ Natural
3 ☐ Inland Terminal	6 ☐ Governmental	9 ☐ Commercial	12 ☐ Other _____

CAUSE OF INCIDENT:

1 ☑ Unknown	7 ☐ Cargo Tank Failure	13 ☐ Fire	19 ☐ Sinking	25 ☐ Road Oiling/Repair
2 ☐ Hose Failure	8 ☐ Fuel Tank Failure	14 ☐ Power Failure	20 ☐ Seepage	26 ☐ Motor Vehicle accident
3 ☐ Transfer Line Failure	9 ☐ Hull Fracture	15 ☐ Pump Failure	21 ☐ Pumping Bilge	27 ☐ Trans./Capacitor
4 ☐ Inground Tank Failure	10 ☐ Overfill	16 ☐ Pumping	22 ☐ Open Hatch	28 ☐ Natural
5 ☐ Above Ground Tank Failure	11 ☐ Container Failure	17 ☐ Dumping	23 ☐ Vandalism	29 ☐ Leaking UST Report
6 ☐ Saddle Tank Failure	12 ☐ Valve Failure	18 ☐ Illegal Discharge	24 ☐ Blow Back	30 ☐ Other: _____

CORRECTIVE ACTIONS TAKEN:

1 ☑ None	8 ☐ Dissipated	15 ☐ Pumped Out	22 ☐ Soil Removal
2 ☐ None required	9 ☐ Evaporated	16 ☐ Neutralized	23 ☐ UST Enforcement
3 ☐ Unknown	10 ☐ Sanded	17 ☐ Recovery System	24 ☐ Other: _____
4 ☐ Removed	11 ☐ Foamed	18 ☐ Repaired Line	
5 ☐ Contained/Remove	12 ☐ Referred	19 ☐ Repaired Tank	
6 ☐ Contracted	13 ☐ Cleaned	20 ☐ Dispersed	
7 ☐ Test Wells	14 ☐ Washed Down	21 ☐ Removed Tank	

☐ CLEAN-UP CONTRACTOR(S): _____ DID DEP HIRE CLEAN-UP CONTRACTOR(S): ☐ Yes ☐ No DATE: _____

Requested: _____ Arrived: _____:_____ (Miltary Time)

RECEIVED BY: 917 INSPECTOR ASSIGNED: 913

DATE ASSIGNED: | | Month | - | | Date | - | | Year | TIME ASSIGNED: _____:_____ (Miltary Time)

ESTIMATED TIME OF ARRIVAL: _____ STATUS: ☐ Open ☒ Closed ☐ Monitored

LEAKING UNDERGROUND STORAGE TANK REPORT SECTION *(for administrative use only)*

Tank Sizes	Leak	Type of Product	Emergency	Overfill	Removal	Tank	Piping	Remediation	Complete	Referral
	☐		☐	☐	☐	☐	☐	☐	☐	☐
	☐		☐	☐	☐	☐	☐	☐	☐	☐
	☐		☐	☐	☐	☐	☐	☐	☐	☐
	☐		☐	☐	☐	☐	☐	☐	☐	☐
	☐		☐	☐	☐	☐	☐	☐	☐	☐
	☐		☐	☐	☐	☐	☐	☐	☐	☐

SUPPLEMENTAL INFORMATION

1. If this is a chemical release and was not reported by 911 emergency response system, does this release require a Notification be sent per Public Act 90-276? ☐ Yes ☐ No

2. Status of notification ☐ sent 3. Is this an 1136 case? ☐ Yes ☐ No 4. 1136 Case No. _____ 5. Is this a Federal 311K case? ☐ Yes ☐ No 6. PIN _____

7. Has the Cost Recovery Expenditure Summary been initated? ☐ Yes ☐ No 8. Incident Code ☐

PROPERTY OWNER: ☐ State ☐ Municipal ☐ Corporation ☐ Private ☐ Federal ☐ Unknown

POLLUTER: ☐ Truck ☐ Trailer ☐ Owner _____ ☐ Operator _____

VEHICLE IDENTIFICATION: MAKE _____ MODEL _____ REGISTRATION _____ OWNER OF VEHICLE _____

ADDITIONAL INFORMATION:

Notified G.D 1420hrs

HAS THIS REPORT BEEN UPDATED WITH THE INSPECTOR'S REPORT? ☐ No ☐ Yes Date: _____

Connecticut Department of Environmental Protection
165 Capitol Avenue
Hartford, CT 06106

Bureau of Waste Management
Oil and Chemical Spill Response Division

EMERGENCY INCIDENT FIELD REPORT

Case No. 93-247 Assigned to: 913

Date: 01-20-93 Time: 1405 Town of Discharge: West Hartford

From: Waste Management Bureau By: Art Majore Phone: 566-5963

Representing: DEP

Street Address: Waste Management

City: 122 Washington

Location of Discharge: 634 New Park Ave

Discharge Type: ☒ Petro ☐ Chemical ☐ Gas Emission ☐ Other

Discharge Substance: Gasoline Total Quantity: Unknown

Date of Discharge: Ongoing Time of Discharge: Ongoing

Containment Measures: Contained

Waterbody: Groundwater Total in Water: Unk

Total Recovered: None Recovered from Water: Unk

Discharger: Sunoco

Discharger accepted legal responsibility: YES

Property Owner: Sunoco Station
622 New Park Ave
West Hartford CT Phonenumber:

Polluter: Same As Above

Phonenumber:

Vehicle Identification:
Tractor Type: Reg.#

Operator: License #

Owner:

Phone:

Trailer Type: Reg. #

Trailer #:
Owner:

Contractor Information:
Name: Tri-S Ellington

Equipment:

☐ Boom ☐ Vac Truck ☐ Hose
☐ Boat ☐ P/F Mats ☐ Vactor
☐ Special ☒ Hand Tools ☐ Skimmer
☐ Manpower

☐ Requested: ☐ Arrived: Inspector: Ed Alexander

-OVER-

SAMPLES:

Quantity: _____ Quantity: _____

Location: _____ Location: _____

CONTACTS:

Name: _____ Telephone: _____

Name: _____ Telephone: _____

ADDITIONAL INFORMATION:

OLD Problem Coming From Source Station AT 622 New Park Ave. Company Putting in Monitoring Wells And Hiring a Consultant To Do Phase Study On Aquifer.

Environmental FirstSearch
Site Detail Report

Target Property: 640 NEW PARK AVE
WEST HARTFORD CT 06110

JOB: 171-305
BUSWAY - ELMWOOD STATION

STATE SPILLS SITE

SEARCH ID: 105 **DIST/DIR:** 0.01 NE **MAP ID:** 88

NAME: SUNOCO STATION
ADDRESS: 634 NEW PARK AVE
WEST HARTFORD CT

CONTACT: SUNOCO STATION

REV: 3/13/01
ID1: 93247
ID2:
STATUS: OPEN
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913
REPORT DATE: 01/20/93 **REPORT TIME:** 14
ACTUAL TIME: 5
REPORTER: ART MAJOR
ST OF CT DEP WATER MNGMNT
122 WASHINGTON ST
HARTFORD CT

WORK PHONE: 203 566 5903
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM **DISCHARGED:** GASOLINE
GALLONS: **YARDS:**
POUNDS: **CON:**
DRUMS: **FEDRAL:**
CERCLA: **ACROSS PROPERTY LINES:**
EMERGENCY CLEANUP: **REP QUAN:**
TOTAL POUNDS:

DESCRIPTION:

DATE: 01/20/93 **DATE UNKNOWN:**
CONTINUOUS SPILL: **SPILL TIME:** 140
RELEASE TERMINATED: Y **ONGOING RELEASE:**
UNKNOWN: **CONTAINED:** Y

ADDITIONAL INFORMATION: 18 GASOLINE IN HOLE WHERE EXCAVATING FOR SEWER

WATERBODY: **RIVER:**
LIS: **TRIBUTARY:**
CATCH BASIN: **POND:**
AIR: **SURFACE WATER:**
GROUND WATER: Y **GROUND SURFACE:**
INSIDE BUILDING: **OTHER AREA:**
TOTAL IN WATER: **TOTAL RECOVERED FROM WATER:**
TOTAL RECOVERED:
RESPONSIBLE PARTY: SUNOCO STATION
622 NEW PARK AVE
WEST HARTFORD CT

PHONE: **ACCEPT RESPONSIBILITY:** Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN:
DUN BRAD: **NOTIFIED FEDERAL GOVERNMENT:**
NOTIFIED COAST GAURD: **NOTIFIED FIRE MARSHALL:**
NOTIFIED LOCAL FIRE DEPT: Y **NOTIFIED POLICE:**
NOTIFIED ATTORNEY GENERAL: **NOTIFIED AQUACULTURE:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 640 NEW PARK AVE
WEST HARTFORD CT 06110

JOB: 171-305
BUSWAY - ELMWOOD STATION

STATE SPILLS SITE

SEARCH ID: 105 **DIST/DIR:** 0.01 NE **MAP ID:** 88

NAME: SUNOCO STATION
ADDRESS: 634 NEW PARK AVE
WEST HARTFORD CT
CONTACT: SUNOCO STATION

REV: 3/13/01
ID1: 93247
ID2:
STATUS: OPEN
PHONE:

NOTIFIED STATE DOHS:
NOTIFIED STATE AIR BUREAU:
NOTIFIED WEED HAZ WASTE:
PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED SOLID WASTE:
NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: OTHER HISTORIC PROBLEM

CORRECTIVE ACTION TAKEN: OTHER MONITOR WELLS/PHS II

CONTRACTOR: Y
DID DEP HIRE CONT: N
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: EMANUELSON
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME: TRI-S
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 913
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 01/20/93
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: 2

MISCELLANEOUS INFORMATION: F D NOTIFIED 1420 HOURS OLD PROBLEM COMING FROM SUNOCO STATION COMPANY INSTALLED MONITOR WELLS AND HIRED CONSULTANT TO DO PHASE II STUDY OF PROPERTY

CASE OPEN PENDING ANALYSIS OF STUDY

APPENDIX C
Copies of
Municipal Files

500 ✓

Application No. 7202 Permit No. .....

TO THE BUILDING INSPECTOR

West Hartford, Conn.

..... hereby make application for a permit to { erect a building / build addition to / do alterations to } ..... according to the following detailed statement of the specifications and plans herewith submitted. All provisions of the Building Ordinances shall be complied with in the erection of said building whether specified or not.

Sign here, A. Lattizori

West Hartford August 26 1927

Address Avon Conn

Location east side of? 640 New Park Ave

Nearest cross street? New Britain Ave

Owner of land is? A. Lattizori Address? 640 New Park Ave

Owner of building is? " Address? "

Architect is? Address?

Installer Builder is? Gulf Refining Co Address?

Size of building: No. of feet front? Size of wings, No. of feet front?

No. of feet deep? No. of feet deep?

Purpose of building is? Install two gas pumps & tanks for Public gas station (no building at present) No. of stories in height?

How many families? No. of rooms?

Distance from street line is? 15' From lot line is? 150' From nearest dwelling is?

FOUNDATION

What will be the depth of foundation wall from curb or surface of the ground?

What will be the height from curb or surface of ground to first floor?

Upon what kind of soil will the foundation be laid?

Will the footing be stone or concrete? How wide? What thickness?

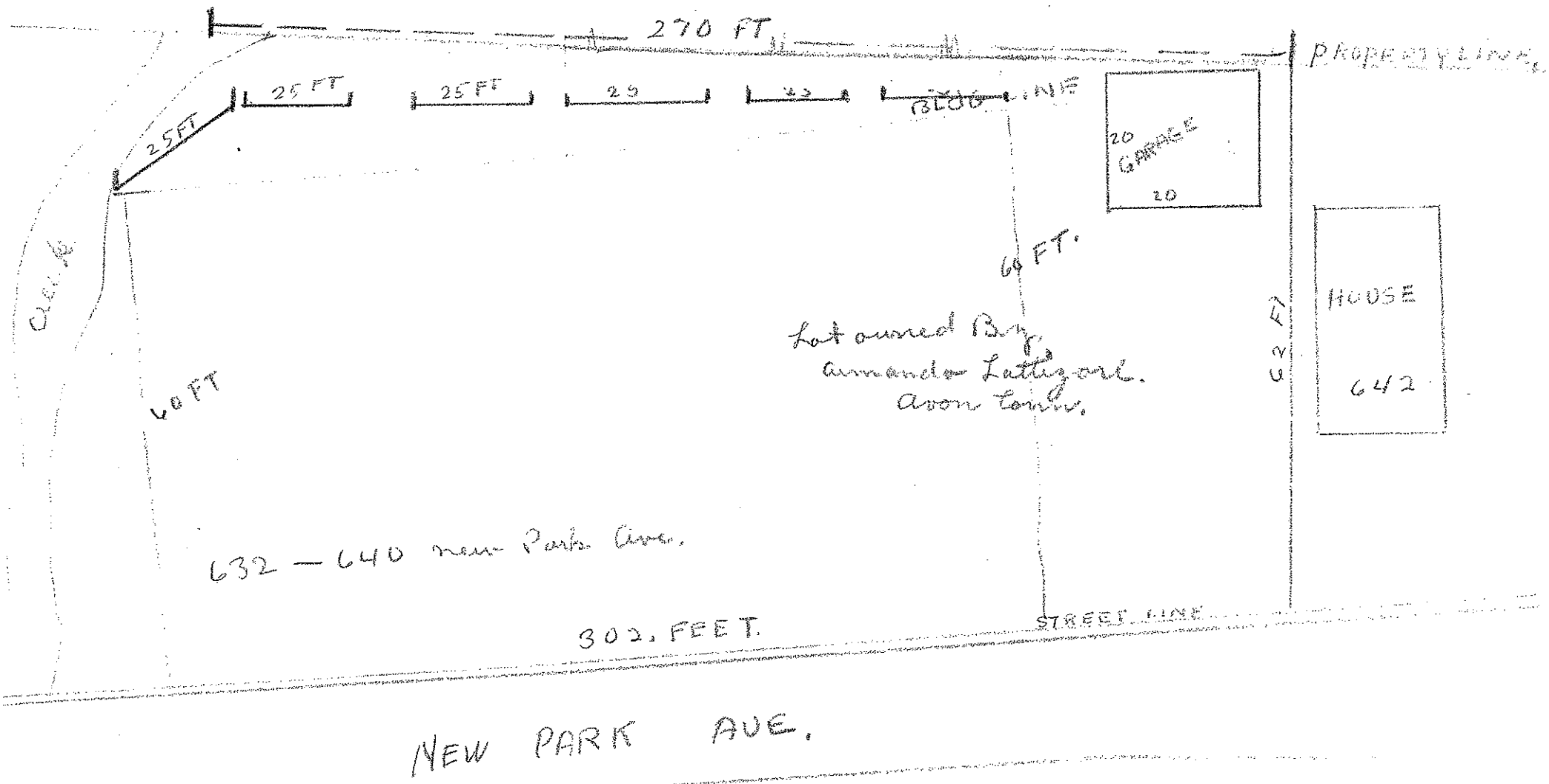
If of concrete parts of stone parts of sand parts of Portland cement?

If piers are used, give size No. of rows? Footing?

Material of foundation wall below grade is? above grade?

Thickness of foundation wall below grade is? above grade?

Give composition of mortar?


270 FT
PROPERTY LINE
25 FT
25 FT
25 FT
BLDG LINE
20
GARAGE
20
60 FT.
HOUSE
642
62 FT
Lot owned By
Armando Lattizori.
Avon Conn.
60 FT
632 — 640 new Park Ave.
302. FEET.
STREET LINE
NEW PARK AVE.

642 New Park Avenue Date Feb 27 1948

Building 4-12-1948 W.
Plumbing
Heating
Electric
Fixtures
Affidavit
Eng. Dept.
Health Dept.
Approved

APPLICATION FOR BUILDING PERMIT

Estimated Cost $ 100.00

№ 5590

Fee . . . . $ 1.00

Occupancy Fee $

Additional Cost $

TO BUILDING DEPARTMENT, TOWN OF WEST HARTFORD, CONN.

The undersigned, hereby applies for a permit to do work according to the following specifications:

No. 642 New Park Ave Lot No. Side of Street Zone

Nearest cross street

Owner of building Kenneth Holden Address 35 Lawrence Rd Hartford

Builder J. Herbelin Address 211 Farmington Ave Hartford

Architect Address

Size Main Bldg.: No. ft. front overall No. ft. deep overall Net Area

Size of wings Garages No. of families No. of stories

Construction No. of rooms 1st. 2nd 3rd

Size of Lot Dist. from Street Line Dist. from Side Line Street

Purpose of building is demolish two car garage

DAE
A.N.R.

OK

DATE 2-27-48

WM. DERMONT

SEWER ☐ SEPTIC TANK ☐

642 New Park Ave. Date Aug 12 1948

APPLICATION FOR BUILDING PERMIT

Building Feb-14-1949 B
Plumbing Feb. 14-1949 B.
Heating Feb. 14-1949 B.
Electric Feb-14-1949 B
Fixtures Feb-14-1949 B
Affidavit 2/14/49 - Bty
Eng. Dept. 2/14/49 PMO.
Health Dept.
Approved 2-15-1949

№ 6179

Estimated Cost $11000.00
Fee $33.00
Occupancy Fee $1.50
Additional Cost $535.17

TO BUILDING DEPARTMENT, TOWN OF WEST HARTFORD, CONN.
The undersigned, hereby applies for a permit to do work according to the following specifications:

No. 642 New Park Ave Lot No. Side of Street east Zone IND
Nearest cross street
Owner of building R R & A S Holden ~~Address~~ Royal Auto Service
Builder " mail to Address 35 Squire St Hart
Architect Address
Size Main Bldg.: No. ft. front overall 66' 3" No. ft. deep overall 30 Net Area
Size of wings Garages No. of families No. of stories 1
Construction masonry No. of rooms: 1st 2nd 3rd
Size of Lot 119/103 62/49 Dist. from Street Line 20' Dist. from Side Line Street
Purpose of building is To build an industrial bldg.
Zoning Board of Appeals #642 New Park Ave
1-23-48

OK
DATE 8-12-48
WM. DERMONT

Sewer ☒ Septic Tank ☐

OK
DATE SEP 1 1948
A. N. R.

Dist. from lot line E.
Height of stories—cellar
Found. depth below grade
Mat. for found. cone
Roof tar & gravel Out
Size of plate
Piers Dist.
Brick walls, if any
If any front, rear, side or
Species of lumber—Floor
Floor joists, size: 1st
Longest span of floor joist
Size of studs carrying pa
Chimneys, size of flues
Plumbing contractor, Per
Heating contractor, Perm

I hereby agree to confor
West Hartford, and to notify
permit is asked. And agree th
distances from all other zones

We hereby apply for
for general
vehicles for
Jan

Dist. from lot line E. ....., W. ....., S. 12', N. 25'. Dist. nearest bldg. ..... ft.

Height of stories—cellar ..... 1st 14' 2nd ..... 3rd ..... 4th ..... 5th .....

Found. depth below grade 3' 6" Above grade 6" Mat. footing Cone Size footing 24 x 8

Mat. for found. Cone Found. thickness 12" Mat. for sidewalls Cinder block brick pilasters

Roof Tar & gravel Outside studs ..... Dist. centers ..... Size sill ..... Ledges and girts .....

Size of plate ..... Size hips and valleys ..... No. of stairways ..... Beams 16" I

Piers ..... Dist. apart ..... No. of rows ..... Size of pier foundation .....

Brick walls, if any ..... Size of same—1st 8" 2nd ..... 3rd .....

If any front, rear, side or partition walls are supported on steel give sizes: 1st ..... 2nd .....

Species of lumber—Floor joists ..... Studs ..... Rafters ..... R. Fl. ..... Fin. Fl. 4" Cone

Floor joists, size: 1st ..... 2nd ..... 3rd ..... stories. Dist. on center .....

Longest span of floor joist: 1st ..... 2nd ..... 3rd ..... If not wood joist const. what type of floor? .....

Size of studs carrying partitions ..... Size of Roof Rafters 2 x 8 Longest span 13' or center 12"

Chimneys, size of flues ..... How many? ..... Where does tile start? .....

Plumbing contractor, Permit No. ..... Oil burners, Permit No. ..... Fixtures, Permit No. .....

Heating contractor, Permit No. 2664 Electrical, Permit No. 6153

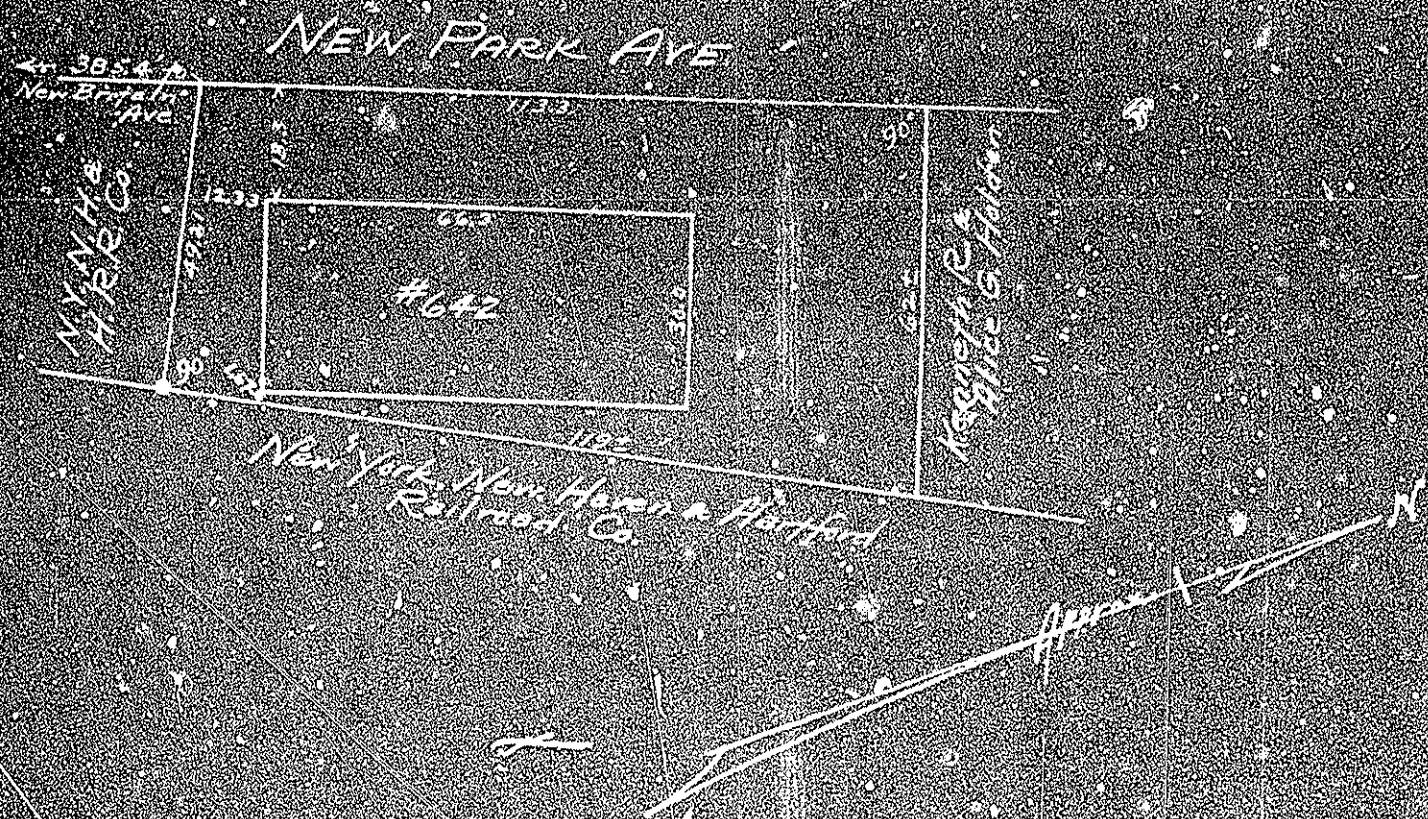
I hereby agree to conform to all the requirements of the Laws of the State of Connecticut and the Ordinances of the Town of West Hartford, and to notify the Building Inspector of any alteration in the plans or specifications of the Building for which this permit is asked. And agree that this building is to be located the proper distance from all street lines, side yard lines and required distances from all other zones and is located in a zone in which this building and its use is allowed.

We hereby apply for a certificate of occupancy for an industrial building for general repairing of motor vehicles for period of two years described in the above application for permit.

Jan 25-1948

Signed Royal Auto Service
Alice H. Holden, Partner

SURVEY
PROPERTY OF
KENNETH R. HOLDEN
ALICE G. HOLDEN
642 NEW PARK AVE.
WEST HARTFORD, CT.
OCT. 25, 1948 1"=30'



I hereby certify this map to be substantially correct and that the zoning laws have not been violated.

Building 6-10-53 y
Plumbing 6-8-53 B.
Heating 6-8-53 B.
Electric ✓ 6-10-53 y
Fixtures 6-10-53 y
Affidavit 6-10-53 [illegible]
Eng. Dept. 6-10-53 P.M.
Health Dept 6-10-53 B. Flo.
Approved 6-10-53

634 New Park Avenue Date Feb 19 1953

APPLICATION FOR BUILDING PERMIT

№ 11544

Estimated Cost $ 12,500.00
Fee . . . . $ 39.00
Occupancy Fee $ 1.50
Additional Cost $ 5,000.00

TO BUILDING DEPARTMENT, TOWN OF WEST HARTFORD, CONN.

The undersigned, hereby applies for a permit to do work according to the following specifications:

No. 634 New Park Ave. Lot No. ..... Side of Street East Zone IND

Nearest cross street Other Arts Inc.

Owner of building American Motors Address 634 New Park Ave.

Builder " Address "

Architect Walter J. Douglas Address 1665 Farmington Ave.

Size Main Bldg.: No. ft. front overall 81' 5" No. ft. deep overall 37' 8" Net Area .....

Size of wings ..... Garages ..... No. of families ..... No. of stories 1

Construction Steel Frame - Masonry Tender No. of rooms: 1st ..... 2nd ..... 3rd .....

Size of Lot 250/219 X 615/97 Dist. from Street Line 10 Dist. from Side Line Street 2 1/2

Purpose of building is industrial building

OK

DATE 2-19-53

WM. DERMONT

☒ Sewer ☐ Septic Tank ☒

DATE 2/19/53 A.M.R.

19 1953

RMIT

$ 12,500.00

$ 39.00

1.50

5,500.00

Zone IND

Dist. from lot line E. 50', W. ....., S. 100', N. 34', Dist. nearest bldg. ..... ft.

Height of stories—cellar ..... 1st 15' 2nd ..... 3rd ..... 4th ..... 5th .....

Found. depth below grade 3' 6" Above grade 6" Mat. footing Conc Size footing 24 x 8

Mat. for found. Concrete Found. thickness 12" Mat. for sidewalls [illegible]

Roof built up steel deck Outside studs ..... Dist. centers ..... Size sill ..... Ledges and girts .....

Size of plate ..... Size hips and valleys ..... No. of stairways ..... Beams .....

Piers ..... Dist. apart ..... No. of rows ..... Size of pier foundation .....

Brick walls, if any ..... Size of same—1st ..... 2nd ..... 3rd .....

If any front, rear, side or partition walls are supported on steel give sizes: 1st ..... 2nd .....

Species of lumber—Floor joists ..... Studs ..... Rafters ..... R. Fl. ..... Fin. Fl. Conc

Floor joists, size: 1st ..... 2nd ..... 3rd ..... stories. Dist. on center .....

Longest span of floor joist: 1st ..... 2nd ..... 3rd ..... If not wood joist const. what type of floor? .....

Size of studs carrying partitions ..... Size of Roof Rafters ..... Longest span ..... on center .....

Chimneys, size of flues 12 x 12 How many? one Where does tile start? floor

Plumbing contractor, Permit No. 7548 Oil burners, Permit No. 6354 Fixtures, Permit No. .....

Heating contractor, Permit No. 6190 Electrical, Permit No. 12280

I hereby agree to conform to all the requirements of the Laws of the State of Connecticut and the Ordinances of the Town of West Hartford, and to notify the Building Inspector of any alteration in the plans or specifications of the Building for which this permit is asked. And agree that this building is to be located the proper distance from all street lines, side yard lines and required distances from all other zones and is located in a zone in which this building and its use is allowed.

I hereby apply for a Certificate of Occupancy for ~~a [illegible]~~ an industrial building described in the above application for permit.

Signed [illegible]

Atlas Center, Inc. AMERICAN [illegible]

634 New Park Avenue Date 6-9- 1953

№ 6354

APPLICATION FOR OIL BURNER AND TANKS

11544

Estimated Cost $ 200.00

Fee . . . . $ 1.00

TO THE BUILDING DEPARTMENT, TOWN OF WEST HARTFORD, CONN.

The undersigned, hereby applies for a permit to do work according to the following specifications. All provisions of the Building Ordinances shall be complied with in the installation of this work whether specified herein or not.

To install fuel oil burners and tank or tanks to be located in property located at

No. 634 New Park Av. Side of street East

Owner Atlas Auto Inc. Address 625 New Park Av.

Contractor Dubin Hng. & Cooling Address 480 Ann St. Hfd.

Make of burner New Way No. of burners

Gravity Siphon Pressure ✓

Automatic Devise: Pressurestat, Thermostat, Aquastat, Airstat, Burners manually operated.

State how Burner controlled by therm, conj. with comb. high limit & fan

Heater or Boiler Furnace Hot air ✓ Hot water Steam

Reg.
3/24x12
18x14
4/10x6
2/14x6
10x6

Locat
Capa
Fill p
Shut-
Fuse
Chim
I h
West
Elec.
Rema

19 53

NKS

rovisions
in or not.

Location of tanks Outside parall to building

Capacity of tanks 1000 gal. U. S. Gauge #7

Fill pipe 2" Vent pipe 1 1/4"

Shut-off valve Yes Weighted arm Fusible link ~~Yes~~

Fused valve Yes Outside valve tagged

Chimneys, size of flues 12x18 How constructed? Brick, tile lining How many? 1

I hereby agree to conform to all the requirements of the Laws of the State of Connecticut and the Ordinances of the Town of West Hartford, and to notify the Building Inspector of any alteration in this equipment for which this permit is asked.

Elec. Permit No. Signed Fred S. Dubin (R.C.L.)

Address 486 Ann St. Hfd.

Remarks:

#85

Item #9
IWW 2 Dec 9.

TOWN OF WEST HARTFORD
PERMIT APPLICATION FOR
INLANDS WETLANDS AND WATERCOURSES ACTIVITY

MAP AMENDMENT — REGULATED ACTIVITY

File No. 375 Application Fee $5.00 Date Received 11/7/91

Street Address 634 New Park Avenue
W. Hartford, CT

Parcel No. _____ Acreage/Lot Area .42 acres

Zoning _____ Zone Map No. _____

Applicant's Interest In Property Lessee

Brief Description of Proposed Activity Demolition of existing building - raze a new 6 bay masonry automotive repair facility

The undersigned warrants the truth of all statements contained herein and in all supporting documents to the best of his/her knowledge and belief. Furthermore, the applicant agrees that submission of this document constitutes permission and consent to Commission and staff inspections of the site.

Dominick Lombardi
Record Owner's Name
37 Kelsey St.
Street
Hartford, CT 06106
City State Zip
203-247-0147
Telephone Number

Monro Muffler Brake Inc
Applicant's Name
2340 Brighton Henrietta T.L. Rd
Street
Rochester, NY 14623
City State Zip
716-427-2280
Telephone Number

Contact Person:
Juliet Hildreth
Name
Monro Muffler Brake
Street

City State Zip

Telephone Number

Juliet Hildreth
Applicant's Signature

Signature of Owner/Authorized Agent

DOC:IWWLIST

MONRO MUFFLER/BRAKE

Executive Offices: P.O. Box 22720 • 2340 Brighton-Henrietta Town Line Rd. • Rochester, N.Y. 14692

Office: 716/427-2280 • Distribution Center: 716/427-2309

November 13, 1991

Milagros T. Limson
Planning Division
Town of West Hartford
Town Hill Common
West Hartford, CT 06107

Re: 634 New Park Ave.

Dear Mila:

Attached please find a copy of our phase II environmental report prepared for the above referenced location. I believe this information will be useful to the Inland/Wetland determination.

Thank you for all assistance.

Sincerely,

Juliet Hildreth

JH/sp
Enc.

RECEIVED
NOV 14 1991
PLANNING DIVISION

Special Study Report

PHASE II SITE ASSESSMENT
LOMBARDI AUTO BODY, INC.
WEST HARTFORD, CONNECTICUT

Prepared For:
Lombardi Auto Body, Inc.
Hartford, Connecticut

July, 1991
PROJECT# 1723-02-1

RECEIVED
NOV 14 1991
PLANNING DIVISI

MALCOLM
PIRNIE

ENVIRONMENTAL ENGINEERS, SCIENTISTS & PLANNERS

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3-1	Hnu Photoionization Detector Readings	3-1

APPENDICES

Appendix No.	Description
A	Boring Logs
B	Chain of Custody Form and Analytical Results

1.0 INTRODUCTION, PURPOSE AND SCOPE

A Phase II Site Assessment was performed by Malcolm Pirnie, Inc. (Pirnie) at 634 New Park Avenue, West Hartford, Connecticut. The property is currently owned by Lombardi Auto Body, Inc. The Phase II Site Assessment was performed in accordance with Connecticut Department of Environmental Protection (CDEP) Transfer Act Site Assessment (TASA) Guidance Document, dated June 1989. The purpose of a Phase II Site Assessment is to determine if there has been a discharge, spillage, controlled loss, seepage or infiltration of hazardous waste ("release") onsite in potential areas of concern identified by a previous Phase I Site Assessment. This determination is made to assist the owner in filing properly under the Transfer Act (Section 22a - 134 to 134d) of the Connecticut General Statutes.

A Phase I Site Assessment of the Lombardi Auto Body, Inc property was performed by Pirnie in November, 1990. Phase I included a file search and review as well as a site visit. Based on the file review of state and local records, the property did not show any records indicating historical chemical or oil releases. However, a former gasoline station located approximately 200 yards upgradient of the property was subject to underground fuel oil tank removal and excavation of 600 yards of contaminated material.

The Phase I site inspection reported the existence of a floor drain, a wash tub sink, an on-site septic system, an underground 1000 gallon fuel oil tank for space heating and a drum storage area. The potentially significant concerns noted in the Phase I assessment were the presence of a wash sink and floor drain in the shop area and the onsite sewage disposal system. Based on the Phase I investigation, it was not possible to establish the discharge location(s) for the sink and floor drain. Also, it is generally recognized that, in nonresidential establishments, a potential exists for discharges to septic systems of wastes other than typical sanitary sewage. Consequently the Phase I study could not conclude that a reasonable potential for a release did not exist.

To address these concerns the Phase II study was performed entailing the following scope:

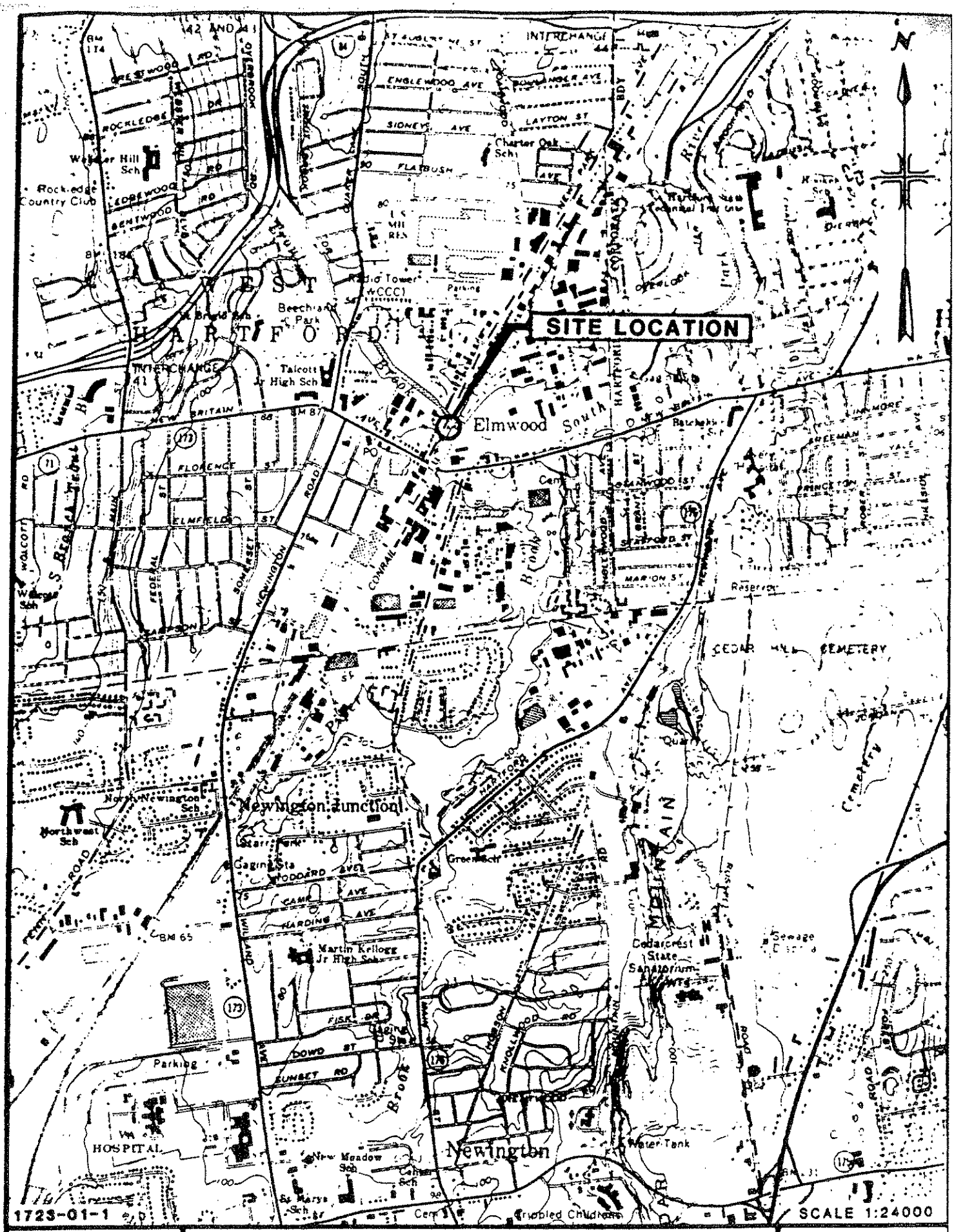
- Inspection of the septic tank and dye testing of the sink and flow drain to establish whether the systems were connected.

- A test boring, soil sampling and analysis program at locations onsite most probably near any leaching structure associated with the septic system or floor

drain to establish the presence of residual constituents in the soil which would be indicative of a release.

Figure 1 presents a site location map. Figure 2 shows a more detailed map of the site and includes the approximate property boundaries and site features. The site is bounded to the north by the Trout Brook retaining wall, to the east by the Conrail railroad embankment, to the south by In and Out Oil and Lube Center and to the west by New Park Avenue. Overall dimensions of the parcel are approximately 115 by 200 feet with a total area of approximately 19,400 square feet. The current property owner purchased the lot on April 7, 1953 from Atlas Auto Body, Inc. A one story cinder-block structure was subsequently built on the site and has been used primarily as an autobody shop. Currently the building is unoccupied.

The placement of the floor drain and septic tank, orientation of visible drain lines, and direction of surface slop all indicated that any discharge piping or leaching structure would most likely be located in the left front area of the parcel.



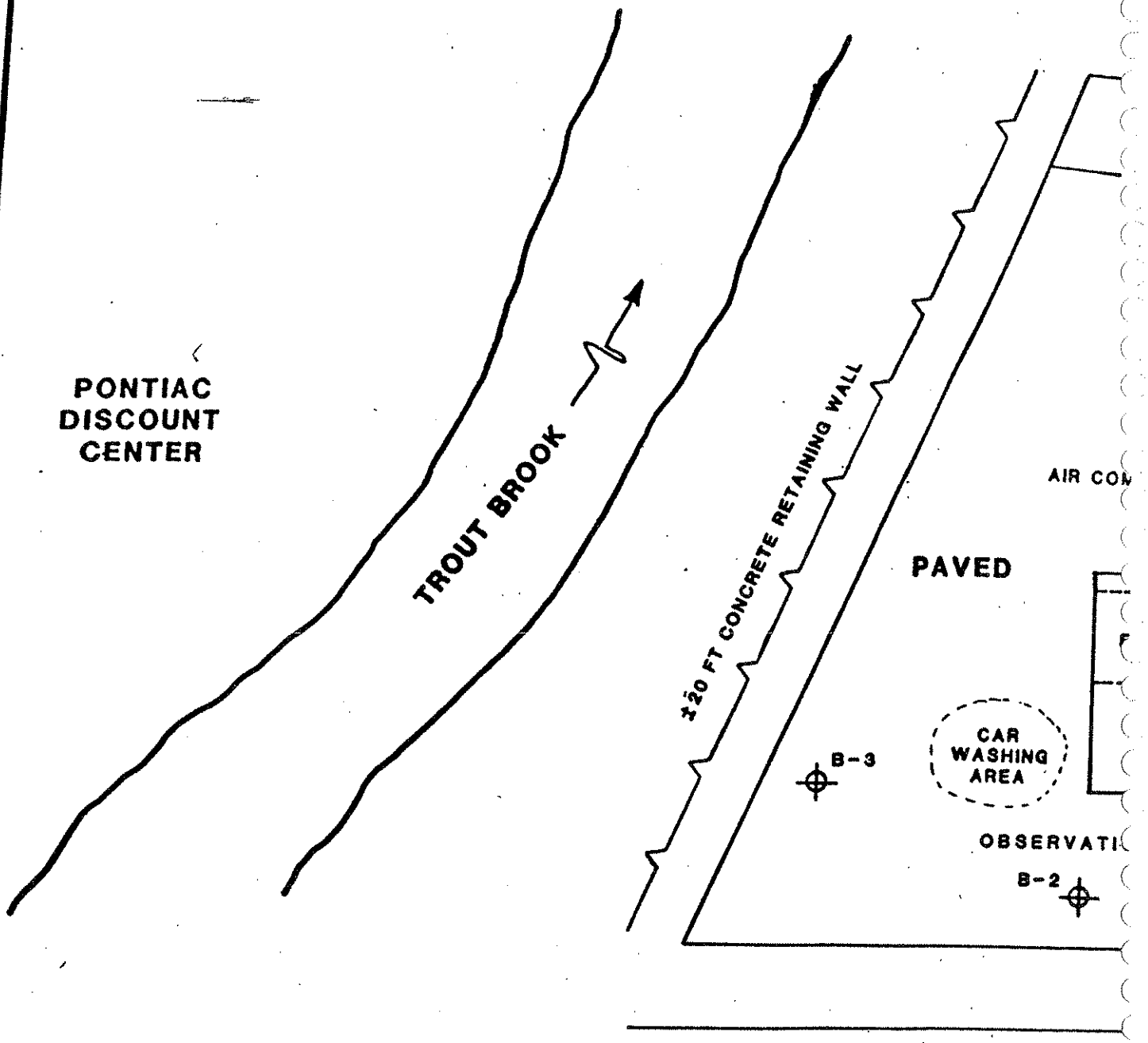
MALCOLM PIRNIE

LOMBARDI AUTO BODY, INC.
WEST HARTFORD, CONNECTICUT
LOCATION PLAN

MALCOLM PIRNIE, INC.

FIGURE 1

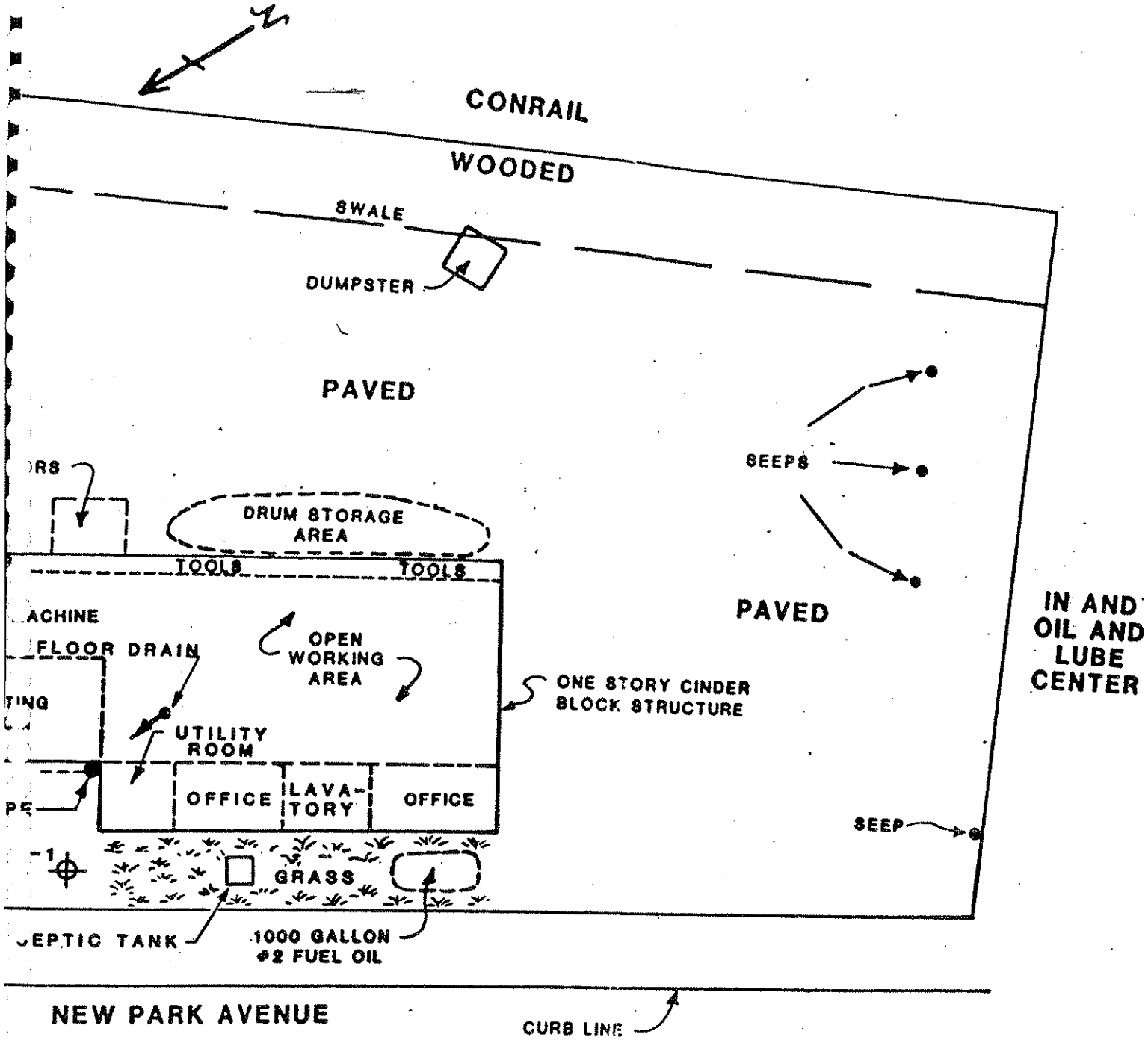
143823



1723-01-1

MALCOLM PIRNIE

LOMBARDI
634 NEW
SIT



BASED ON SITE MAP DATED SEPTEMBER 20, 1957
PREPARED BY W.J. DOUGLAS

BODY, INC.
RK AVENUE
LAN

SCALE: 1in=20ft

MALCOLM PIRNIE, INC.

FIGURE 2

2.0 SEPTIC SYSTEM DYE STUDY

As stated previously, the Phase I Site Assessment reported that a floor drain, wash tub and septic system were located onsite. A septic system dye tracer study was performed on June 5, 1991, to determine if a connection between the floor drain, wash tub and septic system existed.

Suburban Sanitation Service, Farmington, Connecticut, was subcontracted to determine the location of the septic tank and subsequently excavate the overlying topsoil and open the tank. This facilitated an inspection of the tank condition and allowed observation of inflow and eventually dye introduced into the system. Suburban Sanitation located the septic tank shown on Figure 2 adjacent to the west side of the building using a "mouse" transmitter that was flushed through the system and detected via a portable receiver. The overlying soil was removed and the tank was opened for observation. The tank consisted of a single compartment with clay tile baffles and was estimated by Suburban Sanitation to be approximately 650 gallons. In general, the condition of the tank was excellent, with all components intact and apparently operating normally.

The transmitter "mouse" was then retrieved from the tank and inserted in the floor drain located inside the building and shown in Figure 2. The "mouse" was detected approximately 3 to 4 feet north of the clean out/roof leader pipe, also shown on Figure 2, at the building front corner. Concentrated purple rhodamine dye was diluted with water and placed in the floor drain along with a hose and running water. The clean out/roof leader pipe outside of the building was then observed. The dye was noted in the observation pipe within 30 seconds. There was no influx of dye observed in the septic tank.

Subsequently, the dye mixture flooded the observation pipe, probably due to some type of obstruction. Using a jack hammer and shovels, Suburban Sanitation penetrated through the asphalt pavement, crushed stone and silt, to a depth of approximately 1.5 feet, in the vicinity of the buried "mouse" transmitter. A tile pipe bell was observed and appeared intact with no cracks. Subsequently a hose was then "snaked" from the floor drain past the roof leader outside and extended approximately 65 feet before reaching an impenetrable obstruction. This activity was reported and performed by Nicholas Lombardi.

The dye mixture was poured through the washtub basin located in the lavoratory, while the tap water was running. The dye was observed within a couple of minutes in the

septic tank, which had been previously exposed. Based on the floor drain and wash tub basin dye tracer tests, there does not appear to be a connection between the floor drain and septic tank, but the wash tub basin does drain into the septic system. The relative positions of the septic tank and clean out/roof leader, as well as the direction north of the clean out pipe where the "mouse" was noted, both suggest that the floor drain would not connect directly to the septic tank. Also, the apparent roof leader connection into the common drain line suggests the pipe does not connect to the septic system. Even during the period when the building was constructed, introduction of roof runoff into the system would not have been considered good practice.

3.0 SOIL SAMPLING AND ANALYSIS PLAN

3.1 SAMPLING PLAN

New England Boring Contractors of Connecticut, drilled three borings on June 6, 1991, and their locations are shown in Figure 2. Appendix A shows the boring logs for all three borings. Continuous split spoon sampling was performed at 2 foot intervals on all three borings, to a depth of 10 to 12 feet.

Borings B-1 and B-2 were sited in areas assumed to lie within or adjacent to the septic leaching system, based on the location of the septic tank and our experience with similar types of septic systems. The placement of these two borings was intended to "intercept" any constituents potentially associated with the septic leaching system. Boring B-1 was drilled to a depth of approximately 10.3 feet and was located approximately 25 feet due north of the septic tank in the apparent downgradient direction from the tank. Water was intercepted at 4 feet below grade. Boring B-2 was located approximately 45 feet north of the septic tank, also downgradient of the tank. Water was encountered approximately 10 feet below grade. Boring B-2 was advanced to 11 feet, where it encountered an impenetrable substrate.

Boring B-3 was located 60 feet north of the floor drain clean out/roofleader pipe. The B-3 location is also approximately coincident with the reported terminal obstruction in the pipe if it is assumed that the pipe continues along its observed alignment toward Trout Brook. Water was encountered at approximately 10 feet below grade and the boring penetrated to a depth of 12.5 feet. The siting of this boring is presumed coincident with the probable extent of the former or current location of the discharge pipe, based on its orientation and limit of the area disturbed by the Trout Brook retaining wall construction.

Where soil sample recovery was sufficient, jar headspaces from soil samples from each two foot interval, were screened with an Hnu photoionization detector (PID). This screening procedure was performed for a gross indication of volatile organic constituents in the soil vapor. Hnu PID readings are presented in the far right hand columns of the boring logs, shown in Appendix A. Table 3-1 presents a summary of the Hnu readings.

TABLE 3-1

Hnu Photoionization Detector (P.I.D.) Readings

LOMBARDI AUTO BODY, INC.

Depths	Boring B-1	Boring B-2	Boring B-3
0' - 2'	ND	ND	ND
2' - 4'	5	15	ND
4' - 6'	1	ND	ND
6' - 8'	1	ND	ND
8' - 10'	ND	SD	ND
10' - 12'			ND

All values reported in equivalent Hnu units.

ND - None Detected

SD - Slight Deflection

3.2 Analysis Plan

Based on the Hnu readings, the anticipated depths of the leaching system and visible characteristics of the soil, the following samples from each boring were submitted to Environmental Science Corporation (ESC), Middletown, Connecticut.

Sample B1-S3 was obtained from the interval 4 to 6 feet below grade from boring B-1. Sample B2-S2 was obtained from the interval between 2 and 4 feet below the ground surface from boring B-2. Sample B3-S4 was obtained from the interval between 6 and 8 feet below grade from boring B-3. The three samples were analyzed for United States Environmental Protection Agency (USEPA) Method 8240 volatile organic constituents (VOCs) and USEPA Method 418.1 total petroleum hydrocarbons (TPHs).

4.0 RESULTS

Appendix B presents a copy of the chain-of-custody form for the samples analyzed, along with the analytical results in their entirety. No volatile constituents were detected except for low levels of methylene chloride, which is a common laboratory contaminant. Its presence in all three samples at equivalent levels suggests that the detection is attributable to laboratory contamination. Sample B2-S2 showed 37 ug/kg of xylene, but this value is relatively low when compared with USEPA and CDEP action level for soils and drinking water.

CDEP groundwater classification for this area is GB. The designated uses for GB groundwater include industrial process and cooling waters, and they are not considered suitable for direct human consumption without treatment. In a GB groundwater area, the soil cleanup criteria is not normally as rigorous as with GA groundwater areas, which are suitable for human consumption. Therefore, drinking water standards would not usually be applied.

TPHs were detected in all three samples. Sample B1-S3 had a concentration of 72 mg/kg, B2-S2 had a concentration of 700 mg/kg and B3-S4 had a concentration of 70 mg/kg. The elevated concentration detected in B2-S2 may be attributed to constituents indicative of sanitary waste. The location of this sample is apparently proximal to the leaching system. Natural decaying organic matter along with residuals from hand cleansers containing animal fats, vegetable oils, and petroleum distillates would be detected by this analytical method. However, chlorinated solvents associated with industrial waste were not detected. No significant levels of gasoline constituent were found in any of the samples.

In summary, the findings of this study are as follows:

- The wash tub sink is connected to the septic system.
- The floor drain is not connected to the septic system.

Although somewhat speculative, it appears the floor drain/roof leader discharge may have originally been piped to Trout Brook and was later disrupted during the retaining wall construction.

Based on the locations of the soil samples and the constituents analyzed, no significant concentrations were reported indicative of a "release".

APPLICATION FOR BUILDING PERMIT

FINAL INSPECTIONS:
Building 11/25/92
Plumbing
HVAC
Electric
Fire Prot.
Affidavit COMPLETED 11/17/92
Eng Dept.
Approved 11/25/92

634 NEW PARK AVENUE
ADDRESS

LOT NO

63880
PERMIT NUMBER

DATE: 11/17/92

Est Cost.....$ 1000
Permit Fee.....$ 14
Occupancy Fee...$ 0
Moving Fee.....$ 0
Additional Fee..$ 0

OWNER MONROE MUFFLER INC. ADDR 634 NEW PARK AVENUE WEST HARTFORD, CT TEL
BLDR DICK'S BULLDOZING ADDR 70 KING SPRING ROAD
HARRY BRIGGS ADDR WINDSOR LOCKS, CT. 06096 TEL 623-6085
LIC #.

USE GROUP
CONST TYPE
ZONE

SIZE MAIN BLDG:
Front Overall
Depth Overall
Net Area
Gross
Other

Rooms 1st 2nd 3rd
No. of Families
No. of Stories
Lavatories
Bathrooms
Garages

Size of Lot
Dist from Street
Dist Nearest Bldg
Dist from Lot Line N. S.
E. W.

Found. Depth Below Grade
Material for Foundation
Material for Footing
Material for Side Walls
Found. Thickness
Size Footing
Size of Pier Found.
Size of Girders
Roof Covering
Chimneys, Size of Flues
Floor Joists (size/max span/spacing): 1st / / 2nd / / 3rd / /
Rafters (size/max span/spacing): / /

Purpose of this Permit:
REMOVING 1 - 1000 GALLON UNDERGROUND FUEL OIL TANK PER COPY OF PLOT PLAN SUBMITTED

TO THE BUILDING DEPARTMENT, TOWN OF WEST HARTFORD,CT: I, the undersigned hereby agree to conform to all the requirements of the Laws of the State of Connecticut and the Ordinances of the Town of West Hartford and to notify the Building Inspector of any alteration in the plans or specifications of the building for which this permit is asked, and agree that this building is to be located the proper distance from all street lines, side yard lines, and required distances from all other zones and is located in a zone in which this building and its use is allowed.

Signed: H.C. Bird Title:

PLANS REVIEWED BY DATE 11/17/92
ZONING REVIEWED BY DATE
APPROVED BY DATE 11/20/92

PLUMBING PERMIT NO.
HEATING PERMIT NO.
ELECTRICAL PERMIT NO.
FIRE PROTECTION PERMIT NO.

PLOT PLAN REC'D
CHECKED BY ENG DEPT
SURVEYED BY ENGINEER
WETLANDS APPROVAL

SEWER SEPTIC

BUILDING INSPECTION DIVISION
WEST HARTFORD, CT.

pm

DATE: 11/18/92

ADDRESS: 634 New Park

INSPECTION TYPE: B P (HVAC) E SP. Z

FOR: FTG. ROUGH FINAL C.O. COMP. ADVICE

COMMENTS: oil tank
Able ok to Backfill

APPROVED X NOT APPROVED ____

INSPECTOR

APPENDIX E
Property Access Agreement Form

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Town West Hartford
Project 171-305

Name Lombardi Auto Body Inc.
Address 634 New Park Avenue
West Hartford, CT

Dear Property Owner:

Section 13a-60 of the General Statutes of Connecticut, as revised, provides that the Transportation Commissioner or his agent may enter upon private property for the purpose of conducting surveys, inspections or geological investigations for the location, relocation, construction or reconstruction of any proposed or existing highways.

Section 13a-60 provides that the Transportation Commissioner or his agent shall use care that no unnecessary damage shall result and that the State shall pay damage to the owner for any damage or injury he causes such owner by such entrance or use.

Your consent to the Transportation Commissioner or his agent to enter upon your property for the purpose of carrying out the provisions of this statute is requested.

A signature to authorize entrance upon your property does not indicate your approval or disapproval of the above-noted project.

Please sign in the space provided below and return [redacted] in the enclosed self-addressed stamped envelope. Thank you for your cooperation.

Very truly yours,

Arthur W. Gruhn, P.E.
Chief Engineer

I hereby give my consent to the Transportation Commissioner or his agent to enter upon my property in order to carry out the provisions of Sec. 13a-60 of the 1969 Supplement to the General Statutes and for the purposes as checked.

LOMBARDI AUTO BODY, INC.

___ Survey
_X_ Borings, Soundings or Other Tests

Owner By: Dominick Lombardo Date 6-11-07
Interviewer _____ Date _____

An Equal Opportunity Employer
Printed on Recycled or Recovered Paper

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-1
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Red-Brown fine to coarse SAND, little fine to coarse Gravel, trace Asphalt (FILL)	1.5	0.2	Macro Core 0'-2'
2.0		Gray-Brown fine SAND & SILT, trace Clay	2.0		
3.0				1.7	Macro Core 2'-4'
4.0					
5.0					
6.0				0.3	Macro Core 4'-8'
7.0		Gray Clayey SILT (very moist at 4')			
8.0					
9.0					
10.0				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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-2
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		MULCH mixed with Red-Brown SILT & medium GRAVEL	0.5		
1.0		ASPHALT mixed with Olive-Brown SILT (FILL)		0	Macro Core 0'-2'
2.0					
3.0				0	Macro Core 2'-4'
4.0					
5.0			5.5		
6.0		Gray-Brown SILT, trace Clay & fine to coarse Gravel (moist)		0.2	Macro Core 4'-8'
7.0			7.0		
8.0		Gray Clayey SILT (moist)			
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-3
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Olive-Brown SILT, little fine Sand & medium to coarse Gravel, trace Asphalt (FILL)		0	Macro Core 0'-2'
2.0					
3.0			3.0	0.3	Macro Core 2'-4'
4.0					
5.0					
6.0				0.4	Macro Core 4'-8'
7.0		Gray Clayey SILT (moist)			
8.0					
9.0					
10.0				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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-4
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Olive-Brown fine SAND & SILT, little medium to coarse Gravel, trace Brick (FILL)		0	Macro Core 0'-2'
2.0					
3.0			3.0	0.4	Macro Core 2'-4'
4.0					
5.0					
6.0				0.3	Macro Core 4'-8'
7.0		Gray Clayey SILT (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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-5
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Red-Brown SILT, little fine Sand, trace Clay & medium to coarse Gravel		0.1	Macro Core 0'-2'
2.0					
3.0				1.8	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.9	Macro Core 4'-8'
		Red-Brown SILT, trace Clay			
7.0			7.0		
8.0					
9.0		Gray Clayey SILT, trace Organics & Cobble Fragment (very moist)			
10.0				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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-6
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND, some Silt, trace fine Gravel	0.7		
1.0		Red-Brown fine to medium SAND, little Silt & fine Gravel	1.5	0	Macro Core 0'-2'
2.0		ASPHALT	2.0		
3.0		Light-Brown fine to coarse SAND, little fine to coarse Gravel		0.9	Macro Core 2'-4'
4.0			4.5		
5.0		Red-Brown SILT			
6.0				0.1	Macro Core 4'-8'
7.0			7.0		
8.0					
9.0		Gray Clayey SILT (moist)			
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-7
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Red-Brown SILT, little fine Sand, trace Clay & medium to coarse Gravel		0.2	Macro Core 0'-2'
2.0					
3.0				1.1	Macro Core 2'-4'
4.0					
5.0					
6.0				0.2	Macro Core 4'-8'
			6.5		
7.0		Red-Brown SILT, trace Clay			
			7.5		
8.0		Gray Clayey SILT, trace Organics & Cobble Fragment (very moist)			
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-8
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 5"	0.5		
1.0		Gray fine SAND & SILT, little fine to coarse Gravel		0.1	Macro Core 0'-2'
2.0					
3.0			3.0	0.9	Macro Core 2'-4'
4.0					
5.0					
6.0				0.3	Macro Core 4'-8'
7.0		Gray Clayey SILT, trace fine Sand (moist at 8')			
8.0					
9.0					
10.0				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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-9
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Gray medium to coarse GRAVEL, little Olive-Brown fine to coarse Sand		0.3	Macro Core 0'-2'
2.0					
3.0		Red-Brown fine to medium SAND, trace Silt & medium to coarse Gravel	3.0	1.8	Macro Core 2'-4'
4.0			4.5		
5.0		Gray to Red-Brown mottled Clayey SILT (moist)			
6.0				0.9	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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-10
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Gray medium to coarse GRAVEL, little Olive-Brown fine to coarse Sand	1.5	0.1	Macro Core 0'-2'
2.0		CONCRETE - 6"	2.0		
3.0		Red-Brown fine to medium SAND, little Silt & fine to coarse Gravel, trace Asphalt (FILL)		0.3	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	2.4	Macro Core 4'-8'
7.0		Red-Brown SILT, trace Clay & fine Sand (faint petroleum odor, moist)			
8.0			8.0		
9.0		Gray Clayey SILT (faint petroleum odor, moist)		0.1	Macro Core 8'-12'
10.0					
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-11
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Brown fine SAND, little Silt, trace fine Gravel	1.0	0.1	Macro Core 0'-2'
1.0, 2.0, 3.0, 4.0, 5.0, 6.0		Red-Brown SILT, little fine Sand, trace Clay & medium to coarse Gravel	6.5	0.6	Macro Core 2'-4'
				0	Macro Core 4'-8'
7.0		Red-Brown SILT, trace Clay	7.5		
8.0, 9.0, 10.0, 11.0, 12.0		Gray Clayey SILT, trace Organics & Cobble Fragment (very moist)	12.0	0	Macro Core 8'-12'
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-12
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Gray medium to coarse GRAVEL, little Red-Brown fine to coarse Sand, trace Crushed Asphalt (FILL)	1.0	0	Macro Core 0'-2'
2.0					
3.0				0.5	Macro Core 2'-4'
4.0		Gray Clayey SILT			
5.0					
6.0			6.0	2.6	Macro Core 4'-8'
7.0					
8.0					
9.0		Red-Brown Clayey SILT (very moist & dense)			
10.0				0.7	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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-13
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"			
1.0		Red-Brown fine to coarse SAND, some fine to coarse Gravel	1.0	0.1	Macro Core 0'-2'
2.0					
3.0				0.4	Macro Core 2'-4'
4.0					
5.0					
6.0		Gray SILT, trace Clay (very dense, moist)		0.1	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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-14
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		ASPHALT - 3"	0.5		
1.0		Gray medium to coarse GRAVEL, little Crushed Asphalt, trace Dark-Brown fine to medium Sand (FILL)		0.1	Macro Core 0'-2'
2.0					
3.0				1.6	Macro Core 2'-4'
4.0					
5.0					
6.0				0	Macro Core 4'-8'
7.0		Light-Brown to Red-Brown mottled Clayey SILT			
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-15
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-24-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
1.0		Brown fine SAND, little Silt, trace fine to coarse Gravel		0.2	Macro Core 0'-2'
2.0			2.0		
3.0		Red-Brown SILT, little fine to coarse Sand & Gravel		2.8	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.2	Macro Core 4'-8'
7.0		Red-Brown to Gray Clayey SILT (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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-16
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
		Dark-Brown fine SAND, little Silt & fine to coarse Gravel, trace Asphalt Fragments	1.0	0.2	Macro Core 0'-2'
1.0, 2.0, 3.0, 4.0		Brown fine SAND & SILT, little Organics, trace fine to coarse Gravel		1.0	Macro Core 2'-4'
5.0, 6.0, 7.0, 8.0		Red-Brown SILT, little fine to coarse Gravel, trace Clay	5.0	0.1	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0		Gray Clayey SILT	9.0	0	Macro Core 8'-12'
13.0, 14.0, 15.0		End of Boring at 12'	12.0		

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

Driller: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-17
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
1.0		Dark-Brown fine SAND, little Silt & fine to coarse Gravel, trace Asphalt, Concrete & Wood Fragments	1.0	0	Macro Core 0'-2'
2.0, 3.0, 4.0		Red-Brown SILT & medium to coarse GRAVEL	4.5	0.1	Macro Core 2'-4'
5.0		Gray SILT	5.5		
6.0, 7.0, 8.0		Red-Brown SILT, little fine to coarse Gravel, trace Clay		0.4	Macro Core 4'-8'
9.0, 10.0, 11.0, 12.0			12.0	0	Macro Core 8'-12'
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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: New Britain-Hartford Busway
Boring: 634-18
Location: 634 New Park Ave. - W. Hartford, CT
Inspector: C. Knight
Client: Tetra Tech Rizzo
Date: 6-26-07

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

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
0.0		Ground Surface	0.0		
1.0		Brown fine SAND, little Silt, trace fine to coarse Gravel		1.7	Macro Core 0'-2'
2.0			2.0		
3.0		Red-Brown SILT, little fine to coarse Sand & Gravel		0.2	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0	Macro Core 4'-8'
7.0		Gray Clayey SILT (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: W. Lineberry
Depth to Water: Dry/Moist
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

APPENDIX C
Soil Sample
Laboratory Reports

Report Date:
02-Jul-07 15:47

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Project: Busway-635 New Park Ave.-W. Hartford, CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA64082-01	634-1 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-02	634-2 4'-8'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-03	634-3 4'-8'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-04	634-4 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-05	634-5 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-06	634-8 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-07	634-9 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-08	634-10 4'-8'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-09	634-12 4'-8'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-10	634-13 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-11	634-14 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-12	634-15 2'-4'	Soil	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-13	634-Grab1	Ground Water	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-14	634-Grab2	Ground Water	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-15	FB-1	Blank Water	24-Jun-07 00:00	25-Jun-07 13:30
SA64082-16	TB-1	Blank Water	24-Jun-07 00:00	25-Jun-07 13:30

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

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

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

Technical Reviewer's Initial:

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-1 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.1	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	71.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.1	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	35.7	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.3	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.1	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.3	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	71.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.1	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-1 2'-4' SA64082-01	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.1	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.1	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.1	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.1	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.1	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	71.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.1	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	71.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	143	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*121*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	47.2	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	47.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	47.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	47.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	47.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	47.2	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	47.2	1	"	"	"	"	"
	Other Oil	154		mg/kg dry	47.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	47.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	154		mg/kg dry	47.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*78*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	249	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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
634-1 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-01				

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											
208-96-8	Acenaphthylene	BRL		µg/kg dry	249	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	249	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	249	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	249	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	249	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	258		µg/kg dry	249	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	256		µg/kg dry	249	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	249	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	249	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	249	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	249	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	249	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	249	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	249	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	249	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	249	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	249	1	"	"	"	"	"
218-01-9	Chrysene	250		µg/kg dry	249	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	249	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	249	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	249	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	249	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
206-44-0	Fluoranthene	336		µg/kg dry	249	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	249	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	249	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	249	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	249	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	249	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-1 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-01				

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											
78-59-1	Isophorone	BRL		µg/kg dry	249	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	998	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	998	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	249	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	249	1	"	"	"	"	"
129-00-0	Pyrene	446		µg/kg dry	249	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	249	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*65*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*64*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*84*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*62*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0363	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.72	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	3.61		mg/kg dry	1.72	1	"	"	"	"	"
7440-39-3	Barium	89.2		mg/kg dry	1.14	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.572	1	"	"	"	"	"
7440-47-3	Chromium	18.3		mg/kg dry	1.14	1	"	"	"	"	"
7439-92-1	Lead	14.8		mg/kg dry	1.72	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0482		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-1 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	0.0237		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.3		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-2 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-02				

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	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.7	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	76.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	38.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.4	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.4	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	76.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-2 4'-8' SA64082-02	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.4	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	76.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	154	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*112*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	45.6	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	45.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	45.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	45.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	45.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	45.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	45.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	45.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	45.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	45.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*57*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	237	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-2 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-02				

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											
208-96-8	Acenaphthylene	BRL		µg/kg dry	237	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	237	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	237	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	237	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	237	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	237	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	237	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	237	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	237	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	237	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	237	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	237	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	237	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	237	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	237	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	237	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	237	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	237	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	237	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	237	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	237	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	237	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	237	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	237	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	237	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	237	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	237	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	237	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	237	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	237	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	237	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	237	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	237	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	237	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	237	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	237	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	237	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	237	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-2 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-02				

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											
78-59-1	Isophorone	BRL		µg/kg dry	237	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	237	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	237	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	237	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	237	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	237	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	237	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	948	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	948	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	237	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	237	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	237	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	237	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	237	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	237	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	237	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	237	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	237	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*61*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*75*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0378	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.78	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	3.64		mg/kg dry	1.78	1	"	"	"	"	"
7440-39-3	Barium	97.6		mg/kg dry	1.18	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.592	1	"	"	"	"	"
7440-47-3	Chromium	21.0		mg/kg dry	1.18	1	"	"	"	"	"
7439-92-1	Lead	14.3		mg/kg dry	1.78	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0384		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-2 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	77.7		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-3 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-03				

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	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.4	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	63.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-3 4'-8' SA64082-03	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	128	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*93*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*112*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	121	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	121	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	121	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	121	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	121	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	121	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	121	1	"	"	"	"	"
	Other Oil	1,240		mg/kg dry	121	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	121	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	1,240		mg/kg dry	121	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.45	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-3 4'-8' SA64082-03	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.45	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.45	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.45	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.45	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.3	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.45	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.45	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.45	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.45	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.45	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.45	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.45	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.45	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.45	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.45	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.45	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.45	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.3	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.45	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.45	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.45	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.9	1	SW846 8082	26-Jun-07	27-Jun-07	7061960	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.9	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.9	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.9	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.9	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.9	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*70*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	5730	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	5730	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	5730	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	5730	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	5730	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	5730	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	5730	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	5730	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-3 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	5730	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	5730	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	5730	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	5730	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	5730	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	5730	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	5730	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	5730	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	5730	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	5730	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	5730	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	5730	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	5730	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	5730	5	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	5730	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	5730	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	5730	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	5730	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	5730	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	5730	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	5730	5	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	5730	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	5730	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5730	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	5730	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	5730	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	5730	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	5730	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	5730	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	5730	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5730	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	5730	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	5730	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-3 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	22900	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	22900	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	5730	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	5730	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	5730	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	5730	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	5730	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	5730	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5730	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	5730	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*67*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*73*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*89*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*56*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0418		mg/kg dry	0.0347	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.56	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	4.20		mg/kg dry	1.56	1	"	"	"	"	"
7440-39-3	Barium	85.9		mg/kg dry	1.04	1	"	"	"	"	"
7440-43-9	Cadmium	0.552		mg/kg dry	0.521	1	"	"	"	"	"
7440-47-3	Chromium	13.3		mg/kg dry	1.04	1	"	"	"	"	"
7439-92-1	Lead	72.3		mg/kg dry	1.56	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.56	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0140		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	84.8		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-4 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-04				

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	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.3	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	72.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	14.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	72.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	36.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	14.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	14.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	72.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	72.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	72.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-4 2'-4' SA64082-04	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.3	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	14.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	72.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	72.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	145	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*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	35.9	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.9	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.9	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	35.9	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	35.9	1	"	"	"	"	"
	Other Oil	108		mg/kg dry	35.9	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	35.9	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	108		mg/kg dry	35.9	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*90*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.39	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-4 2'-4' SA64082-04	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.39	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.39	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.39	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.39	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	31.9	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.39	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.39	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.39	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.39	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.39	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.39	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.39	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.39	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.39	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.39	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.39	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.39	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	31.9	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.39	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.39	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.39	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*42*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*75*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	12.8	1	SW846 8082	26-Jun-07	27-Jun-07	7061960	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	12.8	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	12.8	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	12.8	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	12.8	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	12.8	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*45*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	252	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	252	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	252	1	"	"	"	"	"
120-12-7	Anthracene	285		µg/kg dry	252	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	252	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	252	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	252	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	515		µg/kg dry	252	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-4 2'-4' SA64082-04	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	495		µg/kg dry	252	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
205-99-2	Benzo (b) fluoranthene	536		µg/kg dry	252	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	252	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	438		µg/kg dry	252	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	252	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	252	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	252	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	252	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	252	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	252	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	252	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	252	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	252	1	"	"	"	"	"
218-01-9	Chrysene	593		µg/kg dry	252	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	252	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	252	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	252	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	252	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	252	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	252	1	"	"	"	"	"
206-44-0	Fluoranthene	1,110		µg/kg dry	252	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	252	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	252	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	252	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	252	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	252	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	252	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	252	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	252	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	252	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	252	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-4 2'-4' SA64082-04	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1010	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1010	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	252	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
85-01-8	Phenanthrene	593		µg/kg dry	252	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	252	1	"	"	"	"	"
129-00-0	Pyrene	1,150		µg/kg dry	252	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	252	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	252	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	252	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*72*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*56*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0516		mg/kg dry	0.0370	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.57	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	2.66		mg/kg dry	1.57	1	"	"	"	"	"
7440-39-3	Barium	114		mg/kg dry	1.05	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.523	1	"	"	"	"	"
7440-47-3	Chromium	18.9		mg/kg dry	1.05	1	"	"	"	"	"
7439-92-1	Lead	59.1		mg/kg dry	1.57	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.57	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0765		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-Jun-07	7062075	BT
7439-92-1	Lead	0.0200		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-5 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.9	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	58.6	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	58.6	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	29.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	58.6	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	58.6	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	58.6	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.9	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-5 2'-4' SA64082-05	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.9	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	11.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	58.6	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	58.6	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	117	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.8	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	32.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	32.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	32.8	1	"	"	"	"	"
	Other Oil	41.4		mg/kg dry	32.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	32.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	41.4		mg/kg dry	32.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*48*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	496	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-5 2'-4' SA64082-05	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
208-96-8	Acenaphthylene	BRL		µg/kg dry	496	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	496	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	496	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	496	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	496	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	496	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	496	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	525		µg/kg dry	496	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	541		µg/kg dry	496	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	496	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	496	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	496	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	496	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	496	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	496	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	496	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	496	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	496	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	496	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	496	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	496	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	496	2	"	"	"	"	"
218-01-9	Chrysene	513		µg/kg dry	496	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	496	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	496	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	496	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	496	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	496	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	496	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	496	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	496	2	"	"	"	"	"
206-44-0	Fluoranthene	644		µg/kg dry	496	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	496	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	496	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	496	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	496	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	496	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	496	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-5 2'-4' SA64082-05	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	496	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	496	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	496	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	496	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	496	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	496	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	496	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1990	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1990	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	496	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	496	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	496	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	496	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	496	2	"	"	"	"	"
129-00-0	Pyrene	647		µg/kg dry	496	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	496	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	496	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	496	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*63*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*62*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0350		mg/kg dry	0.0341	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	2.51		mg/kg dry	1.64	1	"	"	"	"	"
7440-39-3	Barium	73.3		mg/kg dry	1.09	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.545	1	"	"	"	"	"
7440-47-3	Chromium	14.8		mg/kg dry	1.09	1	"	"	"	"	"
7439-92-1	Lead	57.0		mg/kg dry	1.64	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.64	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0100	1	SW846 1312/6010B	29-Jun-07	30-Jun-07	7062341	RM
7440-38-2	Arsenic	0.218		mg/l	0.0100	1	"	27-Jun-07	28-Jun-07	7062074	SA
7440-39-3	Barium	0.230		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	0.129		mg/l	0.0150	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-5 2'-4' SA64082-05	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	0.233		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	0.102		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.3		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-8 2'-4' SA64082-06	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.8	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	67.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	33.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	67.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	67.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.8	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-8 2'-4' SA64082-06	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.8	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	67.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	67.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	136	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*124*		*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	36.0	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	36.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	36.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	36.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	36.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	36.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	36.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	36.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*43*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	253	1	SW846 8270C	26-Jun-07	26-Jun-07	7061958	M.B

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
634-8 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-06				

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											
208-96-8	Acenaphthylene	BRL		µg/kg dry	253	1	SW846 8270C	26-Jun-07	26-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	253	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	253	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	253	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	253	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	253	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	253	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	253	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	253	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	253	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	253	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	253	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	253	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	253	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	253	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	253	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	253	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	253	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	253	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	253	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	253	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	253	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	253	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	253	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	253	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	253	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	253	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	253	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	253	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-8 2'-4' SA64082-06	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	253	1	SW846 8270C	26-Jun-07	26-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	253	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	253	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	253	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	253	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1010	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1010	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	253	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	253	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	253	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	253	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	253	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	253	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	253	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*56*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*57*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0366	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.70	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	2.37		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	127		mg/kg dry	1.14	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.568	1	"	"	"	"	"
7440-47-3	Chromium	22.6		mg/kg dry	1.14	1	"	"	"	"	"
7439-92-1	Lead	20.4		mg/kg dry	1.70	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.117		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	0.0171		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-8 2'-4' SA64082-06	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	0.0152		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.7		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-9 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	5.4	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	54.2	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	10.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	54.2	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	27.1	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	10.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	5.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	10.8	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	10.8	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	10.8	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	54.2	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	54.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	54.2	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	5.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-9 2'-4' SA64082-07	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.4	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
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	6.4		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	10.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	5.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	54.2	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	54.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	108	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*129*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	30.8	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.8	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.8	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.8	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	30.8	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	30.8	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	30.8	1	"	"	"	"	"
	Other Oil	138		mg/kg dry	30.8	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	30.8	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	138		mg/kg dry	30.8	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*70*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	457	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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
634-9 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
208-96-8	Acenaphthylene	BRL		µg/kg dry	457	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	457	2	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	457	2	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	457	2	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	457	2	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	457	2	"	"	"	"	"
56-55-3	Benzo (a) anthracene	675		µg/kg dry	457	2	"	"	"	"	"
50-32-8	Benzo (a) pyrene	1,070		µg/kg dry	457	2	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	1,010		µg/kg dry	457	2	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	512		µg/kg dry	457	2	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	811		µg/kg dry	457	2	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	457	2	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	457	2	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	457	2	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	457	2	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	457	2	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	457	2	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	457	2	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	457	2	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	457	2	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	457	2	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	457	2	"	"	"	"	"
218-01-9	Chrysene	741		µg/kg dry	457	2	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	457	2	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	457	2	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	457	2	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	457	2	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	457	2	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	457	2	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	457	2	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	457	2	"	"	"	"	"
206-44-0	Fluoranthene	958		µg/kg dry	457	2	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	457	2	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	457	2	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	457	2	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	457	2	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	457	2	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	457	2	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-9 2'-4' SA64082-07	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	457	2	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	457	2	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	457	2	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	457	2	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	457	2	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	457	2	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	457	2	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1830	2	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1830	2	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	457	2	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	457	2	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	457	2	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	457	2	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	457	2	"	"	"	"	"
129-00-0	Pyrene	1,260		µg/kg dry	457	2	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	457	2	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	457	2	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	457	2	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*63*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*54*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0314	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.36	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	BRL		mg/kg dry	1.36	1	"	"	"	"	"
7440-39-3	Barium	31.0		mg/kg dry	0.907	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.453	1	"	"	"	"	"
7440-47-3	Chromium	8.49		mg/kg dry	0.907	1	"	"	"	"	"
7439-92-1	Lead	9.39		mg/kg dry	1.36	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.36	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0133		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-9 2'-4' SA64082-07	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	93.5		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-10 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.5	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	64.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.8	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	32.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.8	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	64.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	64.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-10 4'-8' SA64082-08	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.5	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	64.8	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	64.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	130	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*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	35.3	1	+CT ETPH	26-Jun-07	27-Jun-07	7061955	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	35.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	35.3	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	35.3	1	"	"	"	"	"
	Other Oil	63.1		mg/kg dry	35.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	Calculated as		mg/kg dry	35.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	63.1		mg/kg dry	35.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*68*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	244	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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
634-10 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
208-96-8	Acenaphthylene	BRL		µg/kg dry	244	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	244	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	244	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	244	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	244	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	244	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	244	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	244	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	244	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	244	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	244	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	244	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	244	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	244	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	244	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	244	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	244	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	244	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	244	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	244	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	244	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	244	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	244	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	244	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	244	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
206-44-0	Fluoranthene	264		µg/kg dry	244	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	244	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	244	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	244	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	244	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	244	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-10 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	244	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	975	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	975	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	244	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	244	1	"	"	"	"	"
129-00-0	Pyrene	266		µg/kg dry	244	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	244	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*58*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*58*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*61*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0831		mg/kg dry	0.0346	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.76	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	2.12		mg/kg dry	1.76	1	"	"	"	"	"
7440-39-3	Barium	83.0		mg/kg dry	1.17	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.586	1	"	"	"	"	"
7440-47-3	Chromium	17.2		mg/kg dry	1.17	1	"	"	"	"	"
7439-92-1	Lead	36.8		mg/kg dry	1.76	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0228		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-10 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-08				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.9		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-12 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.2	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	71.9	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	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	14.4	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	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-12 4'-8' SA64082-09	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
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*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*130*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*111*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	40.0	1	+CT ETPH	26-Jun-07	27-Jun-07	7061956	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	40.0	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	40.0	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	40.0	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	40.0	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	40.0	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	40.0	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	40.0	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	40.0	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	40.0	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*77*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	264	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-12 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
208-96-8	Acenaphthylene	BRL		µg/kg dry	264	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	264	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	264	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	264	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	264	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	264	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	264	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	264	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	264	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	264	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	264	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	264	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	264	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	264	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	264	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	264	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	264	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	264	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	264	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	264	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	264	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	264	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	264	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	264	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	264	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	264	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	264	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	264	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	264	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	264	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	264	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	264	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	264	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	264	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	264	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	264	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	264	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	264	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-12 4'-8' SA64082-09	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	264	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	264	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	264	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	264	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	264	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	264	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	264	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1060	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1060	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	264	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	264	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	264	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	264	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	264	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	264	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	264	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	264	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	264	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*61*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*57*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0401	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.97	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	4.13		mg/kg dry	1.97	1	"	"	"	"	"
7440-39-3	Barium	244		mg/kg dry	1.31	1	"	"	"	"	"
7440-43-9	Cadmium	0.887		mg/kg dry	0.657	1	"	"	"	"	"
7440-47-3	Chromium	46.7		mg/kg dry	1.31	1	"	"	"	"	"
7439-92-1	Lead	18.1		mg/kg dry	1.97	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.97	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.113		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	0.0171		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-12 4'-8'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-09				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.4		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061983	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-13 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-10				

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	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.5	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	74.9	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	74.9	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	37.4	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	74.9	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	74.9	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	74.9	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.5	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-13 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.5	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
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	74.9	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	74.9	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	150	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*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	39.7	1	+CT ETPH	26-Jun-07	27-Jun-07	7061956	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	39.7	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	39.7	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	39.7	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	39.7	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	39.7	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	39.7	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	39.7	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	39.7	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	39.7	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*104*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
83-32-9	Acenaphthene	BRL		µg/kg dry	278	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-13 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
208-96-8	Acenaphthylene	BRL		µg/kg dry	278	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
62-53-3	Aniline	BRL		µg/kg dry	278	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	278	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	278	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	278	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	278	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	278	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	278	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	278	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	278	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	278	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	278	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	278	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	278	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	278	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	278	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	278	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	278	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	278	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	278	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	278	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	278	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	278	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	278	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	278	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	278	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	278	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	278	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	278	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	278	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	278	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	278	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	278	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-13 2'-4' SA64082-10	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
78-59-1	Isophorone	BRL		µg/kg dry	278	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	278	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	278	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	278	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	278	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1110	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1110	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	278	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	278	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	278	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	278	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	278	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	278	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	278	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*67*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*72*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*60*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*74*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*63*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0383	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.64	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	4.34		mg/kg dry	1.64	1	"	"	"	"	"
7440-39-3	Barium	215		mg/kg dry	1.10	1	"	"	"	"	"
7440-43-9	Cadmium	0.822		mg/kg dry	0.548	1	"	"	"	"	"
7440-47-3	Chromium	39.1		mg/kg dry	1.10	1	"	"	"	"	"
7439-92-1	Lead	15.6		mg/kg dry	1.64	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.64	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0429		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-13 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-10				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	76.9		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061982	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-14 2'-4' SA64082-11	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	7.8	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
67-64-1	Acetone	BRL		µg/kg dry	78.4	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	39.2	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.7	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.7	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	78.4	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	78.4	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	7.8	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-14 2'-4' SA64082-11	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.8	1	SW 846 8260B	27-Jun-07	28-Jun-07	7062138	tr
100-42-5	Styrene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.8	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.8	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.8	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	15.7	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	7.8	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	78.4	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.8	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	78.4	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	157	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*126*		*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	39.6	1	+CT ETPH	26-Jun-07	27-Jun-07	7061956	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	39.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	39.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	39.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	39.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	39.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	39.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	39.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	39.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	39.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*79*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.55	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-14 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.55	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.55	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.55	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.55	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	32.8	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.55	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.55	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.55	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.55	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.55	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.55	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.55	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.55	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.55	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.55	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.55	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.55	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	32.8	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.55	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.55	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.55	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*44*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.1	1	SW846 8082	26-Jun-07	27-Jun-07	7061960	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.1	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.1	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.1	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.1	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.1	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*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	297	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	297	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	297	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	297	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	297	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	297	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-14 2'-4' SA64082-11	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	297	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	297	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	297	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	297	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	297	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	297	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	297	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	297	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	297	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	297	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	297	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	297	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	297	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	297	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	297	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	297	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	297	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	297	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	297	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	297	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	297	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	297	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	297	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	297	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	297	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	297	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	297	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-14 2'-4' SA64082-11	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	1190	1	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	1190	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	297	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	297	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	297	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	297	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	297	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	297	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	297	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*58*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*59*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*66*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*55*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0398	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.77	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	4.91		mg/kg dry	1.77	1	"	"	"	"	"
7440-39-3	Barium	257		mg/kg dry	1.18	1	"	"	"	"	"
7440-43-9	Cadmium	0.970		mg/kg dry	0.591	1	"	"	"	"	"
7440-47-3	Chromium	44.9		mg/kg dry	1.18	1	"	"	"	"	"
7439-92-1	Lead	18.1		mg/kg dry	1.77	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.77	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0364		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	74.4		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061982	JB

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-15 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-12				

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	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.7	1	SW 846 8260B	28-Jun-07	28-Jun-07	7062214	CEH
67-64-1	Acetone	BRL		µg/kg dry	67.1	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	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-15 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-12				

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)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.7	1	SW 846 8260B	28-Jun-07	28-Jun-07	7062214	CEH
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*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*123*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.4	1	+CT ETPH	26-Jun-07	27-Jun-07	7061956	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.4	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.4	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.4	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.4	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.4	1	"	"	"	"	"
	Unidentified	222		mg/kg dry	34.4	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	34.4	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	222		mg/kg dry	34.4	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	222		mg/kg dry	34.4	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*99*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	6.73	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG

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* Reportable Detection Limit. BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-15 2'-4' SA64082-12	171-305	Soil	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	6.73	1	SW846 8081A	25-Jun-07	28-Jun-07	7061849	TG
319-85-7	b-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	6.73	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	6.73	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	33.6	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	6.73	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	6.73	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	6.73	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	6.73	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	6.73	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	6.73	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	33.6	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	6.73	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	6.73	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*48*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*95*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	13.5	1	SW846 8082	26-Jun-07	27-Jun-07	7061960	SM
11104-28-2	PCB 1221	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	13.5	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	13.5	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	13.5	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	13.5	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	13.5	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*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	1320	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	1320	5	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	1320	5	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	1320	5	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	1320	5	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	1320	5	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	1320	5	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	1320	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-15 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-12				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
50-32-8	Benzo (a) pyrene	2,760		µg/kg dry	1320	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
205-99-2	Benzo (b) fluoranthene	2,470		µg/kg dry	1320	5	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	2,000		µg/kg dry	1320	5	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	2,150		µg/kg dry	1320	5	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	1320	5	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	1320	5	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	1320	5	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	1320	5	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	1320	5	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	1320	5	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	1320	5	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	1320	5	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	1320	5	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	1320	5	"	"	"	"	"
218-01-9	Chrysene	1,670		µg/kg dry	1320	5	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	1320	5	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	1320	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	1320	5	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	1320	5	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	1320	5	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	1320	5	"	"	"	"	"
206-44-0	Fluoranthene	3,020		µg/kg dry	1320	5	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	1320	5	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	1320	5	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	1320	5	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	1320	5	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	1,980		µg/kg dry	1320	5	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	1320	5	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	1320	5	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	1320	5	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	1320	5	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	1320	5	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	1320	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-15 2'-4'	171-305	Soil	24-Jun-07 00:00	25-Jun-07
SA64082-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3550B											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	5280	5	SW846 8270C	26-Jun-07	27-Jun-07	7061958	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	5280	5	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	1320	5	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	1320	5	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	1320	5	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
85-01-8	Phenanthrene	1,570		µg/kg dry	1320	5	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
129-00-0	Pyrene	2,880		µg/kg dry	1320	5	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	1320	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	1320	5	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	1320	5	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*46*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*60*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*50*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0521		mg/kg dry	0.0362	1	SW846 7471A	27-Jun-07	27-Jun-07	7061998	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.70	1	EPA 200.7	27-Jun-07	28-Jun-07	7061997	SA/HB
7440-38-2	Arsenic	2.75		mg/kg dry	1.70	1	"	"	"	"	"
7440-39-3	Barium	118		mg/kg dry	1.14	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.568	1	"	"	"	"	"
7440-47-3	Chromium	15.8		mg/kg dry	1.14	1	"	"	"	"	"
7439-92-1	Lead	79.6		mg/kg dry	1.70	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0244		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	80.6		%		1	SM2540 G Mod.	26-Jun-07	26-Jun-07	7061982	JB

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

* Reportable Detection Limit BRL = Below Reporting Limit

Report Date:
02-Jul-07 17:23

☑ 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 624 New Park Ave.-W.Hartford, CT
Project 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA64109-01	634-6 2'-4'	Soil	26-Jun-07 00:00	26-Jun-07 10:30
SA64109-02	634-7 2'-4'	Soil	26-Jun-07 00:00	26-Jun-07 10:30
SA64109-03	634-11 2'-4'	Soil	26-Jun-07 00:00	26-Jun-07 10:30
SA64109-04	634-16 2'-4'	Soil	26-Jun-07 00:00	26-Jun-07 10:30
SA64109-05	634-17 4'-8'	Soil	26-Jun-07 00:00	26-Jun-07 10:30
SA64109-06	634-18 0'-2'	Soil	26-Jun-07 00:00	26-Jun-07 10:30

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 62 pages of analytical data plus Chain of Custody document(s).
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New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

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

Technical Reviewer's Initial:

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-6 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-01				

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)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.2	1	SW 846 8260B	29-Jun-07	30-Jun-07	7062344	CEH
67-64-1	Acetone	BRL		µg/kg dry	61.5	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	12.3	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	61.5	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	30.8	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	12.3	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.2	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.3	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	12.3	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	12.3	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	61.5	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	61.5	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	61.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.2	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-6 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-01				

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)											
100-42-5	Styrene	BRL		µg/kg dry	6.2	1	SW 846 8260B	29-Jun-07	30-Jun-07	7062344	CEH
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	12.3	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.2	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	61.5	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.2	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	61.5	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	123	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
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	27-Jun-07	28-Jun-07	7062065	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	Calculated as		mg/kg dry	33.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.3	1	"	"	"	"	"
	Unidentified	63.9		mg/kg dry	33.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	63.9		mg/kg dry	33.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	63.9		mg/kg dry	33.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*86*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	244	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-6 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
208-96-8	Acenaphthylene	BRL		µg/kg dry	244	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
62-53-3	Aniline	BRL		µg/kg dry	244	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	244	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	244	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	244	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	244	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	245		µg/kg dry	244	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	286		µg/kg dry	244	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	282		µg/kg dry	244	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	244	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	244	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	244	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	244	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	244	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	244	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	244	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	244	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	244	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	244	1	"	"	"	"	"
218-01-9	Chrysene	330		µg/kg dry	244	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	244	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	244	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/kg dry	244	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	244	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	244	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	244	1	"	"	"	"	"
206-44-0	Fluoranthene	456		µg/kg dry	244	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	244	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	244	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	244	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	244	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	244	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-6 2'-4' SA64109-01	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
78-59-1	Isophorone	BRL		µg/kg dry	244	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	244	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	244	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	244	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	975	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	975	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	244	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	244	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	244	1	"	"	"	"	"
129-00-0	Pyrene	508		µg/kg dry	244	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	244	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	244	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	244	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*60*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*56*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*52*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*67*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*68*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*67*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0447		mg/kg dry	0.0352	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.67	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	5.32		mg/kg dry	1.67	1	"	"	"	"	"
7440-39-3	Barium	85.5		mg/kg dry	1.11	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.556	1	"	"	"	"	"
7440-47-3	Chromium	17.8		mg/kg dry	1.11	1	"	"	"	"	"
7439-92-1	Lead	46.9		mg/kg dry	1.67	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	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0132		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-6 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	83.7		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-7 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-02				

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)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.3	1	SW 846 8260B	29-Jun-07	30-Jun-07	7062344	CEH
67-64-1	Acetone	BRL		µg/kg dry	62.7	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.3	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-7 2'-4' SA64109-02	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	SW 846 8260B	29-Jun-07	30-Jun-07	7062344	CEH
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.7	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.7	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*94*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*110*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*92*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.3	1	+CT ETPH	27-Jun-07	28-Jun-07	7062065	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	Calculated as		mg/kg dry	32.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	32.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	32.3	1	"	"	"	"	"
	Unidentified	145		mg/kg dry	32.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	32.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	145		mg/kg dry	32.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	145		mg/kg dry	32.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*101*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	235	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-7 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
208-96-8	Acenaphthylene	BRL		µg/kg dry	235	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
62-53-3	Aniline	BRL		µg/kg dry	235	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	235	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	235	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	235	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	235	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	606		µg/kg dry	235	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	617		µg/kg dry	235	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	597		µg/kg dry	235	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	311		µg/kg dry	235	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	582		µg/kg dry	235	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	235	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	235	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	235	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	235	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	235	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	235	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	235	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	235	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	235	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	235	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	235	1	"	"	"	"	"
218-01-9	Chrysene	885		µg/kg dry	235	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	235	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	235	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	235	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	235	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	235	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	235	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	235	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	235	1	"	"	"	"	"
206-44-0	Fluoranthene	1,140		µg/kg dry	235	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	235	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	235	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	235	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	235	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	263		µg/kg dry	235	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	235	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-7 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
78-59-1	Isophorone	BRL		µg/kg dry	235	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	235	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	235	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	235	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	235	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	235	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	235	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	939	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	939	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	235	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	235	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	235	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
85-01-8	Phenanthrene	468		µg/kg dry	235	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	235	1	"	"	"	"	"
129-00-0	Pyrene	1,590		µg/kg dry	235	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	235	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	235	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	235	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*57*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*49*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*56*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*70*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*59*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.133		mg/kg dry	0.0341	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.55	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	6.71		mg/kg dry	1.55	1	"	"	"	"	"
7440-39-3	Barium	132		mg/kg dry	1.03	1	"	"	"	"	"
7440-43-9	Cadmium	0.593		mg/kg dry	0.516	1	"	"	"	"	"
7440-47-3	Chromium	24.9		mg/kg dry	1.03	1	"	"	"	"	"
7439-92-1	Lead	55.9		mg/kg dry	1.55	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.55	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0460		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-7 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.0		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-11 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-03				

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)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.4	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
67-64-1	Acetone	BRL		µg/kg dry	63.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.9	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	63.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-11 2'-4' SA64109-03	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	63.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	128	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*91*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
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	27-Jun-07	28-Jun-07	7062065	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	Calculated as		mg/kg dry	33.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.3	1	"	"	"	"	"
	Unidentified	72.3		mg/kg dry	33.3	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	72.3		mg/kg dry	33.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	72.3		mg/kg dry	33.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*93*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	229	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-11 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
208-96-8	Acenaphthylene	BRL		µg/kg dry	229	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
62-53-3	Aniline	BRL		µg/kg dry	229	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	229	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	229	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	229	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	229	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	556		µg/kg dry	229	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	530		µg/kg dry	229	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	518		µg/kg dry	229	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	229	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	485		µg/kg dry	229	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	229	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	229	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	229	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	229	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	229	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	229	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	229	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	229	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	229	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	229	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	229	1	"	"	"	"	"
218-01-9	Chrysene	725		µg/kg dry	229	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	229	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	229	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	229	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	229	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	229	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	229	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	229	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	229	1	"	"	"	"	"
206-44-0	Fluoranthene	1,020		µg/kg dry	229	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	229	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	229	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	229	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	229	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	229	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	229	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-11 2'-4' SA64109-03	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
78-59-1	Isophorone	BRL		µg/kg dry	229	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	229	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	229	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	229	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	229	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	229	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	229	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	915	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	915	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	229	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	229	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	229	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
85-01-8	Phenanthrene	325		µg/kg dry	229	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	229	1	"	"	"	"	"
129-00-0	Pyrene	1,170		µg/kg dry	229	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	229	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	229	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	229	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*51*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*51*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0555		mg/kg dry	0.0341	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.52	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	6.37		mg/kg dry	1.52	1	"	"	"	"	"
7440-39-3	Barium	108		mg/kg dry	1.01	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.506	1	"	"	"	"	"
7440-47-3	Chromium	21.4		mg/kg dry	1.01	1	"	"	"	"	"
7439-92-1	Lead	43.7		mg/kg dry	1.52	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.52	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	0.0150		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-11 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-03				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.9		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-16 2'-4' SA64109-04	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.3	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
67-64-1	Acetone	BRL		µg/kg dry	62.8	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.8	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	31.4	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.6	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.6	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.8	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.8	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	62.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-16 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	12.6	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	62.8	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.8	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	126	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*109*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*93*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	32.3	1	+CT ETPH	27-Jun-07	28-Jun-07	7062065	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	32.3	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	32.3	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	32.3	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	32.3	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	32.3	1	"	"	"	"	"
	Unidentified	40.3		mg/kg dry	32.3	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	32.3	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	40.3		mg/kg dry	32.3	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	40.3		mg/kg dry	32.3	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*66*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	230	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-16 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
208-96-8	Acenaphthylene	BRL		µg/kg dry	230	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
62-53-3	Aniline	BRL		µg/kg dry	230	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	230	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	230	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	230	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	230	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	230	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	230	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	230	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	230	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	230	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	230	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	230	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	230	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	230	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	230	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	230	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	230	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	230	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	230	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	230	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	230	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	230	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	230	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	230	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	230	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	230	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	230	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	230	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	230	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	230	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	230	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	230	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	230	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	230	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	230	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	230	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	230	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-16 2'-4' SA64109-04	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
78-59-1	Isophorone	BRL		µg/kg dry	230	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	230	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	230	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	230	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	230	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	230	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	230	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	921	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	921	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	230	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	230	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	230	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	230	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	230	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	230	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	230	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	230	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	230	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*59*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*51*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*51*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*50*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*65*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*56*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0338		mg/kg dry	0.0337	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.53	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	5.91		mg/kg dry	1.53	1	"	"	"	"	"
7440-39-3	Barium	72.6		mg/kg dry	1.02	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.509	1	"	"	"	"	"
7440-47-3	Chromium	16.6		mg/kg dry	1.02	1	"	"	"	"	"
7439-92-1	Lead	30.4		mg/kg dry	1.53	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.53	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-16 2'-4'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-04				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	86.9		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-17 4'-8'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	6.9	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
67-64-1	Acetone	BRL		µg/kg dry	69.2	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	13.8	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	69.2	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	34.6	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	13.8	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	13.8	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.8	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.8	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	69.2	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	69.2	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	69.2	1	"	"	"	"	"
91-20-3	Naphthalene	23.1		µg/kg dry	6.9	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-17 4'-8' SA64109-05	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5035A Soil (low level)											
100-42-5	Styrene	BRL		µg/kg dry	6.9	1	SW 846 8260B	02-Jul-07	02-Jul-07	7070073	CEH
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.9	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.9	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.9	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	13.8	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	6.9	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	69.2	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.9	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	69.2	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	138	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*95*		*70-130 %*			"	"	"	"	"
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	34.6	1	+CT ETPH	27-Jun-07	28-Jun-07	7062065	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.6	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.6	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.6	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	34.6	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	34.6	1	"	"	"	"	"
	Unidentified	BRL		mg/kg dry	34.6	1	"	"	"	"	"
	Other Oil	BRL		mg/kg dry	34.6	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.6	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.6	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*76*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	242	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-17 4'-8'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
208-96-8	Acenaphthylene	BRL		µg/kg dry	242	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
62-53-3	Aniline	BRL		µg/kg dry	242	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	242	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	242	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	242	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	242	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	242	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	242	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	242	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	242	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	242	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	242	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	242	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	242	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	242	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	242	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	242	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	242	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	242	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	242	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	242	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	242	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	242	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	242	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	242	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	242	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	242	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	242	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	242	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	242	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	242	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/kg dry	242	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	242	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	242	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	242	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	242	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	242	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	242	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-17 4'-8' SA64109-05	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
78-59-1	Isophorone	BRL		µg/kg dry	242	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	242	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	242	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	242	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	242	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	242	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	242	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/kg dry	968	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	968	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	242	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	242	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	242	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	242	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	242	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/kg dry	242	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	242	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	242	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	242	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*60*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*54*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*64*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*71*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*60*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/kg dry	0.0365	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.59	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	6.72		mg/kg dry	1.59	1	"	"	"	"	"
7440-39-3	Barium	78.6		mg/kg dry	1.06	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.531	1	"	"	"	"	"
7440-47-3	Chromium	22.0		mg/kg dry	1.06	1	"	"	"	"	"
7439-92-1	Lead	13.4		mg/kg dry	1.59	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.59	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-17 4'-8'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-05				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	27-Jun-07	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	82.1		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-18 0'-2' SA64109-06	171-305	Soil	26-Jun-07 00:00	26-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
	VOC Extraction	Field extracted		N/A		1	VOC	26-Jun-07	26-Jun-07	7062052	RD
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/kg dry	76.1	50	SW 846 8260B	28-Jun-07	29-Jun-07	7062234	jro
67-64-1	Acetone	BRL		µg/kg dry	761	50	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/kg dry	76.1	50	"	"	"	"	"
71-43-2	Benzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/kg dry	76.1	50	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/kg dry	152	50	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	761	50	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/kg dry	381	50	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/kg dry	152	50	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/kg dry	76.1	50	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/kg dry	152	50	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	152	50	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	76.1	50	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	152	50	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	761	50	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	761	50	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/kg dry	761	50	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	76.1	50	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-18 0'-2'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds			VOC8								
Prepared by method SW846 5030 Soil (high level)											
103-65-1	n-Propylbenzene	BRL		µg/kg dry	76.1	50	SW 846 8260B	28-Jun-07	29-Jun-07	7062234	jro
100-42-5	Styrene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-88-3	Toluene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	76.1	50	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	76.1	50	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/kg dry	76.1	50	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/kg dry	152	50	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/kg dry	76.1	50	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	761	50	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/kg dry	76.1	50	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	76.1	50	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	76.1	50	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	76.1	50	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	761	50	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1520	50	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*104*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*134*	SGC	*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*115*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3550B											
8006-61-9	Gasoline	BRL		mg/kg dry	33.2	1	+CT ETPH	27-Jun-07	28-Jun-07	7062065	DS
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.2	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.2	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.2	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/kg dry	33.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/kg dry	33.2	1	"	"	"	"	"
	Unidentified	243		mg/kg dry	33.2	1	"	"	"	"	"
	Other Oil	Calculated as		mg/kg dry	33.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	243		mg/kg dry	33.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	243		mg/kg dry	33.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*136*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
309-00-2	Aldrin	BRL		µg/kg dry	19.0	1	SW846 8081A	27-Jun-07	29-Jun-07	7062062	TG

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-18 0'-2'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3550B											
319-84-6	a-BHC	BRL		µg/kg dry	19.0	1	SW846 8081A	27-Jun-07	29-Jun-07	7062062	TG
319-85-7	b-BHC	BRL		µg/kg dry	19.0	1	"	"	"	"	"
319-86-8	d-BHC	BRL		µg/kg dry	19.0	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/kg dry	19.0	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/kg dry	95.1	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/kg dry	19.0	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/kg dry	19.0	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/kg dry	19.0	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/kg dry	7.00	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/kg dry	19.0	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/kg dry	19.0	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/kg dry	19.0	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/kg dry	19.0	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/kg dry	19.0	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/kg dry	19.0	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/kg dry	19.0	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/kg dry	19.0	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/kg dry	95.1	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/kg dry	19.0	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/kg dry	19.0	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*121*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3545A											
12674-11-2	PCB 1016	BRL		µg/kg dry	36.3	1	SW846 8082	27-Jun-07	28-Jun-07	7062061	MP
11104-28-2	PCB 1221	BRL		µg/kg dry	36.3	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/kg dry	36.3	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/kg dry	36.3	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/kg dry	36.3	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/kg dry	36.3	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/kg dry	36.3	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/kg dry	36.3	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/kg dry	36.3	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
83-32-9	Acenaphthene	BRL		µg/kg dry	249	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
208-96-8	Acenaphthylene	BRL		µg/kg dry	249	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/kg dry	249	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/kg dry	249	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/kg dry	249	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/kg dry	249	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-18 0'-2'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	249	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	249	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	249	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	249	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/kg dry	249	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/kg dry	249	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/kg dry	249	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/kg dry	249	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	249	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/kg dry	249	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/kg dry	249	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/kg dry	249	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/kg dry	249	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	249	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/kg dry	249	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/kg dry	249	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/kg dry	249	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/kg dry	249	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/kg dry	249	1	"	"	"	"	"
206-44-0	Fluoranthene	398		µg/kg dry	249	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/kg dry	249	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	249	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/kg dry	249	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/kg dry	249	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	249	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/kg dry	249	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/kg dry	249	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/kg dry	249	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/kg dry	249	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-18 0'-2'	171-305	Soil	26-Jun-07 00:00	26-Jun-07
SA64109-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3545A											
100-01-6	4-Nitroaniline	BRL		µg/kg dry	997	1	SW846 8270C	27-Jun-07	28-Jun-07	7062059	M.B
98-95-3	Nitrobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
88-75-5	2-Nitrophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
100-02-7	4-Nitrophenol	BRL		µg/kg dry	997	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/kg dry	249	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/kg dry	249	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/kg dry	249	1	"	"	"	"	"
129-00-0	Pyrene	413		µg/kg dry	249	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/kg dry	249	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	249	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/kg dry	249	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*58*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*50*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*48*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*52*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-d14*	*62*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*53*		*15-110 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											
7439-97-6	Mercury	0.0666		mg/kg dry	0.0364	1	SW846 7471A	27-Jun-07	28-Jun-07	7062026	BT
Total Metals by EPA 200 Series Methods											
7440-22-4	Silver	BRL		mg/kg dry	1.61	1	EPA 200.7	27-Jun-07	28-Jun-07	7062025	SA
7440-38-2	Arsenic	3.07		mg/kg dry	1.61	1	"	"	"	"	"
7440-39-3	Barium	23.0		mg/kg dry	1.07	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/kg dry	0.536	1	"	"	"	"	"
7440-47-3	Chromium	8.96		mg/kg dry	1.07	1	"	"	"	"	"
7439-92-1	Lead	27.9		mg/kg dry	1.61	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/kg dry	1.61	1	"	"	"	"	"
SPLP Metals by EPA 1312 & 6000/7000 Series Methods											
	SPLP Extraction	Completed		N/A		1	SW846 1312	26-Jun-07	26-Jun-07	7062032	BD
7440-22-4	Silver	BRL		mg/l	0.0250	1	SW846 1312/6010B	27-Jun-07	28-Jun-07	7062074	SA
7440-38-2	Arsenic	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0100	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0150	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	"	28-Jun-07	7062075	BT
7439-92-1	Lead	BRL		mg/l	0.0150	1	SW846 1312/6010B	"	28-Jun-07	7062074	SA
7782-49-2	Selenium	BRL		mg/l	0.0300	1	"	"	"	"	"
General Chemistry Parameters											
	% Solids	81.8		%		1	SM2540 G Mod.	27-Jun-07	27-Jun-07	7062092	RD

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APPENDIX D
Catch Basin Grab Sample Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab1	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
67-64-1	Acetone	10.3		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab1	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
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	1.1		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	2.4		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	1.2		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*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*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	25-Jun-07	27-Jun-07	7061835	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	4.2		mg/l	0.1	1	"	"	"	"	"
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	4.2		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	4.2		mg/l	0.1	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*110*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0130	1	SW846 8081A	25-Jun-07	26-Jun-07	7061838	TG
319-84-6	a-BHC	BRL		µg/l	0.0130	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
634-Grab1	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0130	1	SW846 8081A	25-Jun-07	26-Jun-07	7061838	TG
319-86-8	d-BHC	BRL		µg/l	0.0130	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0130	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0649	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0130	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0026	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0130	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0130	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0130	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0130	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0130	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0130	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0130	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0130	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0649	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0130	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0130	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0130	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*32*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*73*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0260	1	SW846 8082	25-Jun-07	27-Jun-07	7061839	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0260	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0260	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0260	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0260	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0260	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0260	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0260	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0260	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*30*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	8.33	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
208-96-8	Acenaphthylene	BRL		µg/l	8.33	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	8.33	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	8.33	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	8.33	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	8.33	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	8.33	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	8.33	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	8.33	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab1	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-13				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	8.33	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	8.33	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	8.33	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	8.33	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	8.33	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	8.33	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	8.33	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	8.33	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	8.33	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	8.33	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	8.33	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	8.33	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	8.33	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	8.33	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	8.33	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	8.33	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	8.33	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	8.33	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	8.33	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	8.33	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	8.33	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	8.33	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	8.33	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	8.33	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	8.33	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	8.33	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	8.33	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	8.33	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	8.33	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	8.33	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	8.33	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	8.33	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	8.33	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	8.33	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	8.33	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	8.33	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	8.33	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	8.33	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	8.33	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	16.7	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	8.33	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	8.33	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	8.33	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	33.3	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	8.33	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab1 SA64082-13	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	8.33	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	33.3	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	8.33	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	8.33	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	8.33	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	33.3	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	8.33	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	8.33	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	8.33	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	8.33	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	8.33	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	8.33	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	8.33	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	8.33	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*52*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*47*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*57*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*40*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*60*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*64*		*15-110 %*			"	"	"	"	"
SVOCs by SW846 8270C SIM											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/EPA 625 SIM	"	02-Jul-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.500	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*62*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*77*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab1	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-13				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Jun-07	27-Jun-07	7061976	SA
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0382		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	0.0087		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	26-Jun-07	27-Jun-07	7061977	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
67-64-1	Acetone	13.2		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
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*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"
Extractable Petroleum Hydrocarbons											
Extractable Total Petroleum Hydrocarbons											
Prepared by method SW846 3510C											
8006-61-9	Gasoline	BRL		mg/l	0.2	1	+CT ETPH	25-Jun-07	27-Jun-07	7061835	DS
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	Calculated as		mg/l	0.2	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.2	1	"	"	"	"	"
	Unidentified	7.4		mg/l	0.2	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.2	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	7.4		mg/l	0.2	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	7.4		mg/l	0.2	1	"	"	"	"	"
Surrogate recoveries:											
3386-33-2	*1-Chlorooctadecane*	*120*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0208	1	SW846 8081A	25-Jun-07	26-Jun-07	7061838	TG
319-84-6	a-BHC	BRL		µg/l	0.0208	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0208	1	SW846 8081A	25-Jun-07	26-Jun-07	7061838	TG
319-86-8	d-BHC	BRL		µg/l	0.0208	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0208	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.1042	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0208	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0208	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0208	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0042	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0208	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0208	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0208	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0208	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0208	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0208	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0208	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0208	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.1042	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0208	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0208	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0208	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*31*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*67*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0417	1	SW846 8082	25-Jun-07	27-Jun-07	7061839	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0417	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0417	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0417	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0417	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0417	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0417	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0417	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0417	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	13.9	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
208-96-8	Acenaphthylene	BRL		µg/l	13.9	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	13.9	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	13.9	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	13.9	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	13.9	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	13.9	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	13.9	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	13.9	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	13.9	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	13.9	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	13.9	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	13.9	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	13.9	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	13.9	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	13.9	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	13.9	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	13.9	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	13.9	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	13.9	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	13.9	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	13.9	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	13.9	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	13.9	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	13.9	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	13.9	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	13.9	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	13.9	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	13.9	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	13.9	1	"	"	"	"	"
91-94-1	3,3'-Dichlorobenzidine	BRL		µg/l	13.9	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	13.9	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	13.9	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	13.9	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	13.9	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	13.9	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	13.9	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	13.9	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	13.9	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	13.9	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	13.9	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	13.9	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	13.9	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	13.9	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	13.9	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	13.9	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	13.9	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	13.9	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	27.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	13.9	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	13.9	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	13.9	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	55.6	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	13.9	1	"	"	"	"	"

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07
SA64082-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	13.9	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	55.6	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	13.9	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	13.9	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	13.9	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	55.6	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	13.9	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	13.9	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	13.9	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	13.9	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	13.9	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	13.9	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	13.9	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	13.9	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*48*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*53*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*48*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*54*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*58*		*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	"	02-Jul-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.500	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*57*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*67*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
634-Grab2 SA64082-14	171-305	Ground Water	24-Jun-07 00:00	25-Jun-07

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Jun-07	27-Jun-07	7061976	SA
7440-38-2	Arsenic	0.0042		mg/l	0.0040	1	"	"	"	"	"
7440-39-3	Barium	0.0134		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	0.0075		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	26-Jun-07	27-Jun-07	7061977	BT

APPENDIX E
QA/QC Sample
Laboratory Reports

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
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	1.4	V11	µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	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*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*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	25-Jun-07	27-Jun-07	7061835	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*	*49*		*40-140 %*			"	"	"	"	"
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
309-00-2	Aldrin	BRL		µg/l	0.0108	1	SW846 8081A	25-Jun-07	27-Jun-07	7061838	TG
319-84-6	a-BHC	BRL		µg/l	0.0108	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-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC											
Organochlorine Pesticides SW846 8081A											
Prepared by method SW846 3510C											
319-85-7	b-BHC	BRL		µg/l	0.0108	1	SW846 8081A	25-Jun-07	27-Jun-07	7061838	TG
319-86-8	d-BHC	BRL		µg/l	0.0108	1	"	"	"	"	"
58-89-9	g-BHC (Lindane)	BRL		µg/l	0.0108	1	"	"	"	"	"
57-74-9	Chlordane	BRL		µg/l	0.0538	1	"	"	"	"	"
72-54-8	4,4'-DDD (p,p')	BRL		µg/l	0.0108	1	"	"	"	"	"
72-55-9	4,4'-DDE (p,p')	BRL		µg/l	0.0108	1	"	"	"	"	"
50-29-3	4,4'-DDT (p,p')	BRL		µg/l	0.0108	1	"	"	"	"	"
60-57-1	Dieldrin	BRL		µg/l	0.0022	1	"	"	"	"	"
959-98-8	Endosulfan I	BRL		µg/l	0.0108	1	"	"	"	"	"
33213-65-9	Endosulfan II	BRL		µg/l	0.0108	1	"	"	"	"	"
1031-07-8	Endosulfan Sulfate	BRL		µg/l	0.0108	1	"	"	"	"	"
72-20-8	Endrin	BRL		µg/l	0.0108	1	"	"	"	"	"
7421-93-4	Endrin Aldehyde	BRL		µg/l	0.0108	1	"	"	"	"	"
76-44-8	Heptachlor	BRL		µg/l	0.0108	1	"	"	"	"	"
72-43-5	Methoxychlor	BRL		µg/l	0.0108	1	"	"	"	"	"
1024-57-3	Heptachlor Epoxide	BRL		µg/l	0.0108	1	"	"	"	"	"
8001-35-2	Toxaphene	BRL		µg/l	0.0538	1	"	"	"	"	"
5103-71-9	a-Chlordane	BRL		µg/l	0.0108	1	"	"	"	"	"
5566-34-7	g-Chlordane	BRL		µg/l	0.0108	1	"	"	"	"	"
53494-70-5	Endrin Ketone	BRL		µg/l	0.0108	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*35*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*59*		*30-150 %*			"	"	"	"	"
Polychlorinated Biphenyls by SW846 8082											
Prepared by method SW846 3510C											
12674-11-2	PCB 1016	BRL		µg/l	0.0215	1	SW846 8082	25-Jun-07	27-Jun-07	7061839	SM
11104-28-2	PCB 1221	BRL		µg/l	0.0215	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL		µg/l	0.0215	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL		µg/l	0.0215	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL		µg/l	0.0215	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL		µg/l	0.0215	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL		µg/l	0.0215	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL		µg/l	0.0215	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL		µg/l	0.0215	1	"	"	"	"	"
Surrogate recoveries:											
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*40*		*30-150 %*			"	"	"	"	"
2051-24-3	*Decachlorobiphenyl (Sr)*	*100*		*30-150 %*			"	"	"	"	"
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
83-32-9	Acenaphthene	BRL		µg/l	5.38	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
208-96-8	Acenaphthylene	BRL		µg/l	5.38	1	"	"	"	"	"
62-53-3	Aniline	BRL		µg/l	5.38	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	5.38	1	"	"	"	"	"
1912-24-9	Atrazine	BRL		µg/l	5.38	1	"	"	"	"	"
103-33-3	Azobenzene/Diphenyldiazine	BRL		µg/l	5.38	1	"	"	"	"	"
92-87-5	Benzidine	BRL		µg/l	5.38	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	5.38	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	5.38	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	5.38	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	5.38	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	"
65-85-0	Benzoic acid	BRL		µg/l	5.38	1	"	"	"	"	"
100-51-6	Benzyl alcohol	BRL		µg/l	5.38	1	"	"	"	"	"
111-91-1	Bis(2-chloroethoxy)methane	BRL		µg/l	5.38	1	"	"	"	"	"
111-44-4	Bis(2-chloroethyl)ether	BRL		µg/l	5.38	1	"	"	"	"	"
39638-32-9	Bis(2-chloroisopropyl)ether	BRL		µg/l	5.38	1	"	"	"	"	"
117-81-7	Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
101-55-3	4-Bromophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	"
85-68-7	Butyl benzyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
86-74-8	Carbazole	BRL		µg/l	5.38	1	"	"	"	"	"
59-50-7	4-Chloro-3-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	"
106-47-8	4-Chloroaniline	BRL		µg/l	5.38	1	"	"	"	"	"
91-58-7	2-Chloronaphthalene	BRL		µg/l	5.38	1	"	"	"	"	"
95-57-8	2-Chlorophenol	BRL		µg/l	5.38	1	"	"	"	"	"
7005-72-3	4-Chlorophenyl phenyl ether	BRL		µg/l	5.38	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	5.38	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	5.38	1	"	"	"	"	"
132-64-9	Dibenzofuran	BRL		µg/l	5.38	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	"
91-94-1	3,3´-Dichlorobenzidine	BRL		µg/l	5.38	1	"	"	"	"	"
120-83-2	2,4-Dichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	"
84-66-2	Diethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
131-11-3	Dimethyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
105-67-9	2,4-Dimethylphenol	BRL		µg/l	5.38	1	"	"	"	"	"
84-74-2	Di-n-butyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
534-52-1	4,6-Dinitro-2-methylphenol	BRL		µg/l	5.38	1	"	"	"	"	"
51-28-5	2,4-Dinitrophenol	BRL		µg/l	5.38	1	"	"	"	"	"
121-14-2	2,4-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	"
606-20-2	2,6-Dinitrotoluene	BRL		µg/l	5.38	1	"	"	"	"	"
117-84-0	Di-n-octyl phthalate	BRL		µg/l	5.38	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	5.38	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	5.38	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.38	1	"	"	"	"	"
77-47-4	Hexachlorocyclopentadiene	BRL		µg/l	5.38	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	5.38	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.38	1	"	"	"	"	"
78-59-1	Isophorone	BRL		µg/l	5.38	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	"
95-48-7	2-Methylphenol	BRL		µg/l	5.38	1	"	"	"	"	"
108-39-4, 106-44-5	3,4-Methylphenol	BRL		µg/l	10.8	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.38	1	"	"	"	"	"
88-74-4	2-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	"
99-09-2	3-Nitroaniline	BRL		µg/l	5.38	1	"	"	"	"	"
100-01-6	4-Nitroaniline	BRL		µg/l	21.5	1	"	"	"	"	"
98-95-3	Nitrobenzene	BRL		µg/l	5.38	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SA64082-15	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GCMS											
Semivolatile Organic Compounds by SW846 8270C											
Prepared by method SW846 3510C											
88-75-5	2-Nitrophenol	BRL		µg/l	5.38	1	SW846 8270C	25-Jun-07	27-Jun-07	7061840	M.B
100-02-7	4-Nitrophenol	BRL		µg/l	21.5	1	"	"	"	"	"
62-75-9	N-Nitrosodimethylamine	BRL		µg/l	5.38	1	"	"	"	"	"
621-64-7	N-Nitrosodi-n-propylamine	BRL		µg/l	5.38	1	"	"	"	"	"
86-30-6	N-Nitrosodiphenylamine	BRL		µg/l	5.38	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	21.5	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	5.38	1	"	"	"	"	"
108-95-2	Phenol	BRL		µg/l	5.38	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	5.38	1	"	"	"	"	"
110-86-1	Pyridine	BRL		µg/l	5.38	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.38	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	5.38	1	"	"	"	"	"
95-95-4	2,4,5-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	"
88-06-2	2,4,6-Trichlorophenol	BRL		µg/l	5.38	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	"
367-12-4	*2-Fluorophenol*	*48*		*15-110 %*			"	"	"	"	"
4165-60-0	*Nitrobenzene-d5*	*55*		*30-130 %*			"	"	"	"	"
4165-62-2	*Phenol-d5*	*44*		*15-110 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*63*		*30-130 %*			"	"	"	"	"
118-79-6	*2,4,6-Tribromophenol*	*48*		*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	"	02-Jul-07	"	"
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
120-12-7	Anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"
118-74-1	Hexachlorobenzene	BRL		µg/l	1.00	1	"	"	"	"	"
67-72-1	Hexachloroethane	BRL		µg/l	1.00	1	"	"	"	"	"
87-86-5	Pentachlorophenol	BRL		µg/l	1.00	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.500	1	"	"	"	"	"
Surrogate recoveries:											
321-60-8	*2-Fluorobiphenyl*	*50*		*30-130 %*			"	"	"	"	"
1718-51-0	*Terphenyl-dl4*	*81*		*30-130 %*			"	"	"	"	"
Total Metals by EPA 6000/7000 Series Methods											

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-15				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Total Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		mg/l	0.0050	1	SW846 6010B	26-Jun-07	27-Jun-07	7061976	SA
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	26-Jun-07	27-Jun-07	7061977	BT

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freo	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	171-305	Blank Water	24-Jun-07 00:00	25-Jun-07
SA64082-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by SW846 8260B											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW846 8260B	27-Jun-07	27-Jun-07	7062080	RLJ
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*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062080 - SW846 5030 Water MS										
Blank (7062080-BLK1)										
Prepared & Analyzed: 27-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	5.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
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						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062080 - SW846 5030 Water MS										
Blank (7062080-BLK1)										
Prepared & Analyzed: 27-Jun-07										
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	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.4*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*50.8*		µg/l		*50.0*		*102*	*70-130*		
LCS (7062080-BS1)										
Prepared & Analyzed: 27-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	23.8		µg/l		20.0		119	70-130		
Acetone	13.9		µg/l		20.0		69	41.1-147		
Acrylonitrile	26.0		µg/l		20.0		130	70-130		
Benzene	21.7		µg/l		20.0		108	70-130		
Bromobenzene	22.0		µg/l		20.0		110	70-130		
Bromochloromethane	22.1		µg/l		20.0		111	70-130		
Bromodichloromethane	22.8		µg/l		20.0		114	70-130		
Bromoform	27.2	QC1	µg/l		20.0		136	70-130		
Bromomethane	19.9		µg/l		20.0		99	62-136		
2-Butanone (MEK)	15.1		µg/l		20.0		76	53.9-133		
n-Butylbenzene	22.4		µg/l		20.0		112	70-130		
sec-Butylbenzene	22.2		µg/l		20.0		111	70-130		
tert-Butylbenzene	22.1		µg/l		20.0		110	70-130		
Carbon disulfide	26.0		µg/l		20.0		130	70-130		
Carbon tetrachloride	20.6		µg/l		20.0		103	70-130		
Chlorobenzene	21.6		µg/l		20.0		108	70-130		
Chloroethane	21.2		µg/l		20.0		106	62.8-132		
Chloroform	21.9		µg/l		20.0		110	70-130		
Chloromethane	37.3	QC2	µg/l		20.0		186	70-130		
2-Chlorotoluene	22.0		µg/l		20.0		110	70-130		
4-Chlorotoluene	21.7		µg/l		20.0		108	70-130		
1,2-Dibromo-3-chloropropane	25.0		µg/l		20.0		125	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062080 - SW846 5030 Water MS										
LCS (7062080-BS1)										
Prepared & Analyzed: 27-Jun-07										
Dibromochloromethane	24.4		µg/l		20.0		122	70-143		
1,2-Dibromoethane (EDB)	23.1		µg/l		20.0		116	70-130		
Dibromomethane	23.1		µg/l		20.0		116	70-130		
1,2-Dichlorobenzene	21.9		µg/l		20.0		110	70-130		
1,3-Dichlorobenzene	22.0		µg/l		20.0		110	70-130		
1,4-Dichlorobenzene	20.7		µg/l		20.0		104	70-130		
Dichlorodifluoromethane (Freon12)	27.6		µg/l		20.0		138	39.3-167		
1,1-Dichloroethane	21.8		µg/l		20.0		109	70-130		
1,2-Dichloroethane	21.4		µg/l		20.0		107	70-130		
1,1-Dichloroethene	21.0		µg/l		20.0		105	70-130		
cis-1,2-Dichloroethene	21.8		µg/l		20.0		109	70-130		
trans-1,2-Dichloroethene	21.4		µg/l		20.0		107	70-130		
1,2-Dichloropropane	21.8		µg/l		20.0		109	70-130		
1,3-Dichloropropane	22.2		µg/l		20.0		111	70-130		
2,2-Dichloropropane	22.0		µg/l		20.0		110	70-130		
1,1-Dichloropropene	21.0		µg/l		20.0		105	70-130		
cis-1,3-Dichloropropene	22.0		µg/l		20.0		110	70-130		
trans-1,3-Dichloropropene	22.5		µg/l		20.0		112	70-130		
Ethylbenzene	21.4		µg/l		20.0		107	70-130		
Hexachlorobutadiene	20.3		µg/l		20.0		102	70-136		
2-Hexanone (MBK)	15.6		µg/l		20.0		78	56.3-131		
Isopropylbenzene	20.9		µg/l		20.0		104	70-130		
4-Isopropyltoluene	22.3		µg/l		20.0		112	70-130		
Methyl tert-butyl ether	22.1		µg/l		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	22.2		µg/l		20.0		111	70-130		
Methylene chloride	21.4		µg/l		20.0		107	70-130		
Naphthalene	25.6		µg/l		20.0		128	70-130		
n-Propylbenzene	21.6		µg/l		20.0		108	70-130		
Styrene	22.6		µg/l		20.0		113	70-130		
1,1,1,2-Tetrachloroethane	21.8		µg/l		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	23.3		µg/l		20.0		117	70-130		
Tetrachloroethene	21.3		µg/l		20.0		107	70-130		
Toluene	20.6		µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	23.9		µg/l		20.0		119	70-130		
1,2,4-Trichlorobenzene	22.4		µg/l		20.0		112	70-130		
1,1,1-Trichloroethane	21.7		µg/l		20.0		109	70-130		
1,1,2-Trichloroethane	23.0		µg/l		20.0		115	70-130		
Trichloroethene	20.2		µg/l		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	21.7		µg/l		20.0		108	70-130		
1,2,3-Trichloropropane	26.1		µg/l		20.0		130	70-130		
1,2,4-Trimethylbenzene	22.6		µg/l		20.0		113	70-130		
1,3,5-Trimethylbenzene	22.6		µg/l		20.0		113	70-130		
Vinyl chloride	25.1		µg/l		20.0		125	70-130		
m,p-Xylene	42.2		µg/l		40.0		106	70-130		
o-Xylene	22.0		µg/l		20.0		110	70-130		
Tetrahydrofuran	25.6		µg/l		20.0		128	70-130		
Ethyl ether	22.2		µg/l		20.0		111	70-130		
Tert-amyl methyl ether	23.7		µg/l		20.0		118	70-130		
Ethyl tert-butyl ether	22.4		µg/l		20.0		112	70-130		
Di-isopropyl ether	21.2		µg/l		20.0		106	70-130		
Tert-Butanol / butyl alcohol	289	QC2	µg/l		200		144	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 7062080 - SW846 5030 Water MS										
LCS (7062080-BS1)										
Prepared & Analyzed: 27-Jun-07										
1,4-Dioxane	266	QC2	µg/l		200		133	70-130		
Surrogate: 4-Bromofluorobenzene	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*51.2*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (7062080-BSD1)										
Prepared & Analyzed: 27-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	17.4	QR2	µg/l		20.0		87	70-130	31	25
Acetone	15.0		µg/l		20.0		75	41.1-147	8	50
Acrylonitrile	27.5	QC1	µg/l		20.0		138	70-130	6	25
Benzene	19.8		µg/l		20.0		99	70-130	9	25
Bromobenzene	20.6		µg/l		20.0		103	70-130	7	25
Bromochloromethane	21.6		µg/l		20.0		108	70-130	3	25
Bromodichloromethane	21.6		µg/l		20.0		108	70-130	5	25
Bromoform	26.0		µg/l		20.0		130	70-130	5	25
Bromomethane	18.3		µg/l		20.0		91	62-136	8	50
2-Butanone (MEK)	14.9		µg/l		20.0		74	53.9-133	2	50
n-Butylbenzene	18.9		µg/l		20.0		94	70-130	17	25
sec-Butylbenzene	19.1		µg/l		20.0		96	70-130	15	25
tert-Butylbenzene	19.2		µg/l		20.0		96	70-130	14	25
Carbon disulfide	19.9	QR2	µg/l		20.0		99	70-130	27	25
Carbon tetrachloride	18.1		µg/l		20.0		91	70-130	13	25
Chlorobenzene	20.0		µg/l		20.0		100	70-130	8	25
Chloroethane	18.8		µg/l		20.0		94	62.8-132	12	50
Chloroform	20.4		µg/l		20.0		102	70-130	7	25
Chloromethane	33.4	QC2	µg/l		20.0		167	70-130	11	25
2-Chlorotoluene	19.6		µg/l		20.0		98	70-130	11	25
4-Chlorotoluene	19.6		µg/l		20.0		98	70-130	10	25
1,2-Dibromo-3-chloropropane	25.4		µg/l		20.0		127	70-130	2	25
Dibromochloromethane	23.5		µg/l		20.0		117	70-143	4	50
1,2-Dibromoethane (EDB)	22.5		µg/l		20.0		112	70-130	3	25
Dibromomethane	22.8		µg/l		20.0		114	70-130	1	25
1,2-Dichlorobenzene	20.2		µg/l		20.0		101	70-130	8	25
1,3-Dichlorobenzene	19.5		µg/l		20.0		98	70-130	12	25
1,4-Dichlorobenzene	19.0		µg/l		20.0		95	70-130	9	25
Dichlorodifluoromethane (Freon12)	23.2		µg/l		20.0		116	39.3-167	17	50
1,1-Dichloroethane	20.0		µg/l		20.0		100	70-130	8	25
1,2-Dichloroethane	20.8		µg/l		20.0		104	70-130	3	25
1,1-Dichloroethene	18.7		µg/l		20.0		93	70-130	12	25
cis-1,2-Dichloroethene	20.1		µg/l		20.0		101	70-130	8	25
trans-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130	11	25
1,2-Dichloropropane	20.6		µg/l		20.0		103	70-130	6	25
1,3-Dichloropropane	21.5		µg/l		20.0		107	70-130	3	25
2,2-Dichloropropane	19.1		µg/l		20.0		96	70-130	14	25
1,1-Dichloropropene	18.4		µg/l		20.0		92	70-130	13	25
cis-1,3-Dichloropropene	21.0		µg/l		20.0		105	70-130	4	25
trans-1,3-Dichloropropene	21.5		µg/l		20.0		108	70-130	4	25
Ethylbenzene	19.2		µg/l		20.0		96	70-130	11	25
Hexachlorobutadiene	16.9		µg/l		20.0		84	70-136	19	50
2-Hexanone (MBK)	16.4		µg/l		20.0		82	56.3-131	5	25
Isopropylbenzene	18.2		µg/l		20.0		91	70-130	13	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062080 - SW846 5030 Water MS										
LCS Dup (7062080-BSD1)										
Prepared & Analyzed: 27-Jun-07										
4-Isopropyltoluene	19.5		µg/l		20.0		97	70-130	14	25
Methyl tert-butyl ether	21.8		µg/l		20.0		109	70-130	1	25
4-Methyl-2-pentanone (MIBK)	22.4		µg/l		20.0		112	70-130	1	50
Methylene chloride	20.7		µg/l		20.0		103	70-130	4	25
Naphthalene	24.0		µg/l		20.0		120	70-130	6	25
n-Propylbenzene	18.8		µg/l		20.0		94	70-130	13	25
Styrene	20.8		µg/l		20.0		104	70-130	8	25
1,1,1,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	7	25
1,1,2,2-Tetrachloroethane	23.0		µg/l		20.0		115	70-130	1	25
Tetrachloroethene	18.7		µg/l		20.0		93	70-130	13	25
Toluene	18.7		µg/l		20.0		94	70-130	9	25
1,2,3-Trichlorobenzene	21.2		µg/l		20.0		106	70-130	12	25
1,2,4-Trichlorobenzene	19.8		µg/l		20.0		99	70-130	12	25
1,1,1-Trichloroethane	19.0		µg/l		20.0		95	70-130	13	25
1,1,2-Trichloroethane	22.2		µg/l		20.0		111	70-130	4	25
Trichloroethene	18.4		µg/l		20.0		92	70-130	9	25
Trichlorofluoromethane (Freon 11)	18.6		µg/l		20.0		93	70-130	16	50
1,2,3-Trichloropropane	25.7		µg/l		20.0		128	70-130	1	25
1,2,4-Trimethylbenzene	20.0		µg/l		20.0		100	70-130	12	25
1,3,5-Trimethylbenzene	19.8		µg/l		20.0		99	70-130	13	25
Vinyl chloride	21.2		µg/l		20.0		106	70-130	17	25
m,p-Xylene	37.7		µg/l		40.0		94	70-130	11	25
o-Xylene	20.0		µg/l		20.0		100	70-130	10	25
Tetrahydrofuran	26.0		µg/l		20.0		130	70-130	2	25
Ethyl ether	22.5		µg/l		20.0		113	70-130	1	50
Tert-amyl methyl ether	23.1		µg/l		20.0		116	70-130	2	25
Ethyl tert-butyl ether	21.6		µg/l		20.0		108	70-130	3	25
Di-isopropyl ether	20.3		µg/l		20.0		101	70-130	5	25
Tert-Butanol / butyl alcohol	310	QC2	µg/l		200		155	70-130	7	25
1,4-Dioxane	272	QC2	µg/l		200		136	70-130	2	25
Surrogate: 4-Bromofluorobenzene	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike (7062080-MS1) **Source: SA63946-03**										
Prepared & Analyzed: 27-Jun-07										
Benzene	17.3		µg/l		20.0	BRL	87	70-130		
Chlorobenzene	17.7		µg/l		20.0	BRL	89	70-130		
1,1-Dichloroethene	20.4		µg/l		20.0	BRL	102	70-130		
Toluene	17.1		µg/l		20.0	BRL	85	70-130		
Trichloroethene	17.6		µg/l		20.0	BRL	88	70-130		
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike Dup (7062080-MSD1) **Source: SA63946-03**										
Prepared & Analyzed: 27-Jun-07										
Benzene	17.4		µg/l		20.0	BRL	87	70-130	0.5	30
Chlorobenzene	17.8		µg/l		20.0	BRL	89	70-130	0.3	30
1,1-Dichloroethene	20.2		µg/l		20.0	BRL	101	70-130	1	30
Toluene	17.1		µg/l		20.0	BRL	86	70-130	0.4	30

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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 7062080 - SW846 5030 Water MS										
Matrix Spike Dup (7062080-MSD1) **Source: SA63946-03**										
Prepared & Analyzed: 27-Jun-07										
Trichloroethene	17.8		µg/l		20.0	BRL	89	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.0*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Batch 7062138 - SW846 5035A Soil (low level)										
Blank (7062138-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062138 - SW846 5035A Soil (low level)										
Blank (7062138-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*59.1*		µg/kg wet		*50.0*		*118*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/kg wet		*50.0*		*106*	*70-130*		
LCS (7062138-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	26.8	QC1	µg/kg wet		20.0		134	70-130		
Acetone	4.5		µg/kg wet		20.0		22	1.77-175		
Acrylonitrile	16.1		µg/kg wet		20.0		80	70-130		
Benzene	21.0		µg/kg wet		20.0		105	70-130		
Bromobenzene	22.9		µg/kg wet		20.0		114	70-130		
Bromochloromethane	22.4		µg/kg wet		20.0		112	70-130		
Bromodichloromethane	22.8		µg/kg wet		20.0		114	70-130		
Bromoform	24.7		µg/kg wet		20.0		123	70-130		
Bromomethane	21.5		µg/kg wet		20.0		108	55.3-136		
2-Butanone (MEK)	9.9		µg/kg wet		20.0		50	38.8-142		
n-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
sec-Butylbenzene	23.1		µg/kg wet		20.0		115	70-130		
tert-Butylbenzene	23.6		µg/kg wet		20.0		118	70-130		
Carbon disulfide	20.0		µg/kg wet		20.0		100	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062138 - SW846 5035A Soil (low level)										
LCS (7062138-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Carbon tetrachloride	22.1		µg/kg wet		20.0		110	70-130		
Chlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
Chloroethane	20.3		µg/kg wet		20.0		102	55.3-130		
Chloroform	23.0		µg/kg wet		20.0		115	70-130		
Chloromethane	20.7		µg/kg wet		20.0		104	70-130		
2-Chlorotoluene	21.9		µg/kg wet		20.0		110	70-130		
4-Chlorotoluene	22.0		µg/kg wet		20.0		110	70-130		
1,2-Dibromo-3-chloropropane	24.3		µg/kg wet		20.0		121	70-130		
Dibromochloromethane	24.1		µg/kg wet		20.0		120	64.7-139		
1,2-Dibromoethane (EDB)	23.9		µg/kg wet		20.0		120	70-130		
Dibromomethane	24.4		µg/kg wet		20.0		122	70-130		
1,2-Dichlorobenzene	22.1		µg/kg wet		20.0		111	70-130		
1,3-Dichlorobenzene	22.6		µg/kg wet		20.0		113	70-130		
1,4-Dichlorobenzene	21.6		µg/kg wet		20.0		108	70-130		
Dichlorodifluoromethane (Freon12)	28.0		µg/kg wet		20.0		140	34.4-167		
1,1-Dichloroethane	22.4		µg/kg wet		20.0		112	70-130		
1,2-Dichloroethane	23.2		µg/kg wet		20.0		116	70-130		
1,1-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130		
cis-1,2-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
trans-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
1,2-Dichloropropane	22.6		µg/kg wet		20.0		113	70-130		
1,3-Dichloropropane	23.2		µg/kg wet		20.0		116	70-130		
2,2-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	21.8		µg/kg wet		20.0		109	70-130		
cis-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130		
trans-1,3-Dichloropropene	20.5		µg/kg wet		20.0		103	70-130		
Ethylbenzene	21.7		µg/kg wet		20.0		109	70-130		
Hexachlorobutadiene	21.3		µg/kg wet		20.0		107	60.7-140		
2-Hexanone (MBK)	13.8	QC2	µg/kg wet		20.0		69	70-130		
Isopropylbenzene	21.5		µg/kg wet		20.0		108	70-130		
4-Isopropyltoluene	23.0		µg/kg wet		20.0		115	70-130		
Methyl tert-butyl ether	21.3		µg/kg wet		20.0		107	70-130		
4-Methyl-2-pentanone (MIBK)	20.1		µg/kg wet		20.0		100	46.1-145		
Methylene chloride	22.2		µg/kg wet		20.0		111	70-130		
Naphthalene	25.6		µg/kg wet		20.0		128	70-130		
n-Propylbenzene	21.9		µg/kg wet		20.0		110	70-130		
Styrene	18.3		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	23.0		µg/kg wet		20.0		115	70-130		
Tetrachloroethene	21.3		µg/kg wet		20.0		106	70-130		
Toluene	21.8		µg/kg wet		20.0		109	70-130		
1,2,3-Trichlorobenzene	23.5		µg/kg wet		20.0		118	70-130		
1,2,4-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1-Trichloroethane	23.4		µg/kg wet		20.0		117	70-130		
1,1,2-Trichloroethane	22.4		µg/kg wet		20.0		112	70-130		
Trichloroethene	21.4		µg/kg wet		20.0		107	70-130		
Trichlorofluoromethane (Freon 11)	24.2		µg/kg wet		20.0		121	56.8-140		
1,2,3-Trichloropropane	26.5	QC1	µg/kg wet		20.0		132	70-130		
1,2,4-Trimethylbenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3,5-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
Vinyl chloride	24.1		µg/kg wet		20.0		121	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062138 - SW846 5035A Soil (low level)										
LCS (7062138-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
m,p-Xylene	43.9		µg/kg wet		40.0		110	70-130		
o-Xylene	22.1		µg/kg wet		20.0		110	70-130		
Tetrahydrofuran	19.6		µg/kg wet		20.0		98	70-130		
Ethyl ether	22.5		µg/kg wet		20.0		113	65.3-130		
Tert-amyl methyl ether	21.0		µg/kg wet		20.0		105	70-130		
Ethyl tert-butyl ether	21.8		µg/kg wet		20.0		109	70-130		
Di-isopropyl ether	20.0		µg/kg wet		20.0		100	70-130		
Tert-Butanol / butyl alcohol	229		µg/kg wet		200		114	70-130		
1,4-Dioxane	253		µg/kg wet		200		126	34-155		
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/kg wet		*50.0*		*102*	*70-130*		
LCS Dup (7062138-BSD1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.2		µg/kg wet		20.0		121	70-130	10	25
Acetone	3.8		µg/kg wet		20.0		19	1.77-175	15	50
Acrylonitrile	14.5		µg/kg wet		20.0		72	70-130	11	25
Benzene	19.5		µg/kg wet		20.0		97	70-130	7	25
Bromobenzene	20.4		µg/kg wet		20.0		102	70-130	11	25
Bromochloromethane	21.5		µg/kg wet		20.0		107	70-130	4	25
Bromodichloromethane	20.1		µg/kg wet		20.0		101	70-130	12	25
Bromoform	21.4		µg/kg wet		20.0		107	70-130	14	25
Bromomethane	20.0		µg/kg wet		20.0		100	55.3-136	8	50
2-Butanone (MEK)	10.6		µg/kg wet		20.0		53	38.8-142	6	50
n-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130	11	25
sec-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130	9	25
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	10	25
Carbon disulfide	18.3		µg/kg wet		20.0		92	70-130	9	25
Carbon tetrachloride	20.4		µg/kg wet		20.0		102	70-130	8	25
Chlorobenzene	19.9		µg/kg wet		20.0		100	70-130	11	25
Chloroethane	18.5		µg/kg wet		20.0		93	55.3-130	9	50
Chloroform	20.9		µg/kg wet		20.0		105	70-130	9	25
Chloromethane	19.1		µg/kg wet		20.0		96	70-130	8	25
2-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	9	25
4-Chlorotoluene	19.5		µg/kg wet		20.0		97	70-130	12	25
1,2-Dibromo-3-chloropropane	21.7		µg/kg wet		20.0		108	70-130	11	25
Dibromochloromethane	21.8		µg/kg wet		20.0		109	64.7-139	10	50
1,2-Dibromoethane (EDB)	22.4		µg/kg wet		20.0		112	70-130	7	25
Dibromomethane	22.5		µg/kg wet		20.0		113	70-130	8	25
1,2-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	10	25
1,3-Dichlorobenzene	20.2		µg/kg wet		20.0		101	70-130	11	25
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	13	25
Dichlorodifluoromethane (Freon12)	26.9		µg/kg wet		20.0		135	34.4-167	4	50
1,1-Dichloroethane	20.7		µg/kg wet		20.0		104	70-130	8	25
1,2-Dichloroethane	21.4		µg/kg wet		20.0		107	70-130	8	25
1,1-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130	6	25
cis-1,2-Dichloroethene	20.1		µg/kg wet		20.0		100	70-130	11	25
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	7	25
1,2-Dichloropropane	20.0		µg/kg wet		20.0		100	70-130	12	25
1,3-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	9	25

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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 7062138 - SW846 5035A Soil (low level)										
LCS Dup (7062138-BSD1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
2,2-Dichloropropane	18.2		µg/kg wet		20.0		91	70-130	7	25
1,1-Dichloropropene	20.0		µg/kg wet		20.0		100	70-130	9	25
cis-1,3-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130	8	25
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		95	70-130	8	25
Ethylbenzene	19.6		µg/kg wet		20.0		98	70-130	10	25
Hexachlorobutadiene	19.5		µg/kg wet		20.0		97	60.7-140	9	50
2-Hexanone (MBK)	11.3	QC2	µg/kg wet		20.0		57	70-130	20	25
Isopropylbenzene	19.5		µg/kg wet		20.0		98	70-130	10	25
4-Isopropyltoluene	20.6		µg/kg wet		20.0		103	70-130	11	25
Methyl tert-butyl ether	20.0		µg/kg wet		20.0		100	70-130	7	25
4-Methyl-2-pentanone (MIBK)	19.2		µg/kg wet		20.0		96	46.1-145	5	50
Methylene chloride	20.0		µg/kg wet		20.0		100	70-130	10	25
Naphthalene	22.5		µg/kg wet		20.0		113	70-130	13	25
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130	11	25
Styrene	12.8	QC1	µg/kg wet		20.0		64	70-130	35	25
1,1,1,2-Tetrachloroethane	19.6		µg/kg wet		20.0		98	70-130	11	25
1,1,2,2-Tetrachloroethane	21.5		µg/kg wet		20.0		107	70-130	7	25
Tetrachloroethene	20.0		µg/kg wet		20.0		100	70-130	7	25
Toluene	20.1		µg/kg wet		20.0		100	70-130	8	25
1,2,3-Trichlorobenzene	20.8		µg/kg wet		20.0		104	70-130	12	25
1,2,4-Trichlorobenzene	19.1		µg/kg wet		20.0		95	70-130	12	25
1,1,1-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130	8	25
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	7	25
Trichloroethene	19.7		µg/kg wet		20.0		99	70-130	8	25
Trichlorofluoromethane (Freon 11)	23.0		µg/kg wet		20.0		115	56.8-140	5	50
1,2,3-Trichloropropane	25.4		µg/kg wet		20.0		127	70-130	4	25
1,2,4-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130	11	25
1,3,5-Trimethylbenzene	20.0		µg/kg wet		20.0		100	70-130	10	25
Vinyl chloride	22.4		µg/kg wet		20.0		112	70-130	8	25
m,p-Xylene	39.8		µg/kg wet		40.0		100	70-130	10	25
o-Xylene	20.1		µg/kg wet		20.0		100	70-130	10	25
Tetrahydrofuran	19.6		µg/kg wet		20.0		98	70-130	0.1	25
Ethyl ether	20.8		µg/kg wet		20.0		104	65.3-130	8	50
Tert-amyl methyl ether	19.3		µg/kg wet		20.0		96	70-130	9	25
Ethyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	11	25
Di-isopropyl ether	18.5		µg/kg wet		20.0		92	70-130	8	25
Tert-Butanol / butyl alcohol	216		µg/kg wet		200		108	70-130	6	25
1,4-Dioxane	310		µg/kg wet		200		155	34-155	20	25
Surrogate: 4-Bromofluorobenzene	*51.5*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.0*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Batch 7062214 - SW846 5035A Soil (low level)										
Blank (7062214-BLK1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062214 - SW846 5035A Soil (low level)										
Blank (7062214-BLK1)										
Prepared & Analyzed: 28-Jun-07										
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062214 - SW846 5035A Soil (low level)										
Blank (7062214-BLK1)										
Prepared & Analyzed: 28-Jun-07										
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	*53.5*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*57.3*		µg/kg wet		*50.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
LCS (7062214-BS1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.1		µg/kg wet		20.0		105	70-130		
Acetone	20.8		µg/kg wet		20.0		104	1.77-175		
Acrylonitrile	22.2		µg/kg wet		20.0		111	70-130		
Benzene	18.2		µg/kg wet		20.0		91	70-130		
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130		
Bromochloromethane	18.3		µg/kg wet		20.0		92	70-130		
Bromodichloromethane	18.4		µg/kg wet		20.0		92	70-130		
Bromoform	20.2		µg/kg wet		20.0		101	70-130		
Bromomethane	17.4		µg/kg wet		20.0		87	55.3-136		
2-Butanone (MEK)	18.0		µg/kg wet		20.0		90	38.8-142		
n-Butylbenzene	23.0		µg/kg wet		20.0		115	70-130		
sec-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130		
tert-Butylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Carbon disulfide	19.1		µg/kg wet		20.0		95	70-130		
Carbon tetrachloride	18.6		µg/kg wet		20.0		93	70-130		
Chlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
Chloroethane	17.8		µg/kg wet		20.0		89	55.3-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	21.7		µg/kg wet		20.0		109	70-130		
2-Chlorotoluene	22.8		µg/kg wet		20.0		114	70-130		
4-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130		
1,2-Dibromo-3-chloropropane	20.9		µg/kg wet		20.0		104	70-130		
Dibromochloromethane	19.9		µg/kg wet		20.0		100	64.7-139		
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		86	70-130		
Dibromomethane	18.7		µg/kg wet		20.0		94	70-130		
1,2-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130		
1,3-Dichlorobenzene	22.4		µg/kg wet		20.0		112	70-130		
1,4-Dichlorobenzene	20.3		µg/kg wet		20.0		101	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062214 - SW846 5035A Soil (low level)										
LCS (7062214-BS1)										
Prepared & Analyzed: 28-Jun-07										
Dichlorodifluoromethane (Freon12)	20.1		µg/kg wet		20.0		101	34.4-167		
1,1-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130		
1,2-Dichloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,1-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130		
cis-1,2-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130		
trans-1,2-Dichloroethene	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichloropropane	17.1		µg/kg wet		20.0		86	70-130		
1,3-Dichloropropane	17.4		µg/kg wet		20.0		87	70-130		
2,2-Dichloropropane	19.6		µg/kg wet		20.0		98	70-130		
1,1-Dichloropropene	18.8		µg/kg wet		20.0		94	70-130		
cis-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
trans-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130		
Ethylbenzene	20.9		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	20.4		µg/kg wet		20.0		102	60.7-140		
2-Hexanone (MBK)	20.7		µg/kg wet		20.0		104	70-130		
Isopropylbenzene	19.4		µg/kg wet		20.0		97	70-130		
4-Isopropyltoluene	21.9		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	18.5		µg/kg wet		20.0		92	46.1-145		
Methylene chloride	17.7		µg/kg wet		20.0		88	70-130		
Naphthalene	20.6		µg/kg wet		20.0		103	70-130		
n-Propylbenzene	21.4		µg/kg wet		20.0		107	70-130		
Styrene	21.4		µg/kg wet		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	19.7		µg/kg wet		20.0		98	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130		
Tetrachloroethene	19.1		µg/kg wet		20.0		96	70-130		
Toluene	17.7		µg/kg wet		20.0		88	70-130		
1,2,3-Trichlorobenzene	21.7		µg/kg wet		20.0		109	70-130		
1,2,4-Trichlorobenzene	21.3		µg/kg wet		20.0		106	70-130		
1,1,1-Trichloroethane	18.3		µg/kg wet		20.0		92	70-130		
1,1,2-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
Trichloroethene	17.7		µg/kg wet		20.0		89	70-130		
Trichlorofluoromethane (Freon 11)	18.4		µg/kg wet		20.0		92	56.8-140		
1,2,3-Trichloropropane	20.6		µg/kg wet		20.0		103	70-130		
1,2,4-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130		
1,3,5-Trimethylbenzene	21.2		µg/kg wet		20.0		106	70-130		
Vinyl chloride	21.5		µg/kg wet		20.0		108	70-130		
m,p-Xylene	41.1		µg/kg wet		40.0		103	70-130		
o-Xylene	20.7		µg/kg wet		20.0		103	70-130		
Tetrahydrofuran	18.3		µg/kg wet		20.0		91	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	65.3-130		
Tert-amyl methyl ether	17.8		µg/kg wet		20.0		89	70-130		
Ethyl tert-butyl ether	19.0		µg/kg wet		20.0		95	70-130		
Di-isopropyl ether	18.9		µg/kg wet		20.0		94	70-130		
Tert-Butanol / butyl alcohol	206		µg/kg wet		200		103	70-130		
1,4-Dioxane	245		µg/kg wet		200		123	34-155		
Surrogate: 4-Bromofluorobenzene	*52.4*		µg/kg wet		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*49.0*		µg/kg wet		*50.0*		*98*	*70-130*		
LCS Dup (7062214-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062214 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.8		µg/kg wet		20.0		114	70-130	8	25
Acetone	18.1		µg/kg wet		20.0		90	1.77-175	14	50
Acrylonitrile	19.9		µg/kg wet		20.0		100	70-130	11	25
Benzene	18.5		µg/kg wet		20.0		93	70-130	2	25
Bromobenzene	21.5		µg/kg wet		20.0		108	70-130	7	25
Bromochloromethane	18.5		µg/kg wet		20.0		92	70-130	0.8	25
Bromodichloromethane	18.7		µg/kg wet		20.0		94	70-130	2	25
Bromoform	20.2		µg/kg wet		20.0		101	70-130	0.3	25
Bromomethane	17.5		µg/kg wet		20.0		88	55.3-136	0.9	50
2-Butanone (MEK)	15.1		µg/kg wet		20.0		76	38.8-142	18	50
n-Butylbenzene	24.9		µg/kg wet		20.0		125	70-130	8	25
sec-Butylbenzene	22.1		µg/kg wet		20.0		110	70-130	1	25
tert-Butylbenzene	21.4		µg/kg wet		20.0		107	70-130	0.8	25
Carbon disulfide	20.1		µg/kg wet		20.0		101	70-130	5	25
Carbon tetrachloride	19.1		µg/kg wet		20.0		96	70-130	3	25
Chlorobenzene	20.5		µg/kg wet		20.0		102	70-130	1	25
Chloroethane	18.0		µg/kg wet		20.0		90	55.3-130	2	50
Chloroform	18.1		µg/kg wet		20.0		91	70-130	2	25
Chloromethane	19.7		µg/kg wet		20.0		98	70-130	10	25
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130	4	25
4-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	0.2	25
1,2-Dibromo-3-chloropropane	19.8		µg/kg wet		20.0		99	70-130	5	25
Dibromochloromethane	19.0		µg/kg wet		20.0		95	64.7-139	5	50
1,2-Dibromoethane (EDB)	18.4		µg/kg wet		20.0		92	70-130	7	25
Dibromomethane	18.0		µg/kg wet		20.0		90	70-130	4	25
1,2-Dichlorobenzene	21.1		µg/kg wet		20.0		105	70-130	5	25
1,3-Dichlorobenzene	22.7		µg/kg wet		20.0		113	70-130	1	25
1,4-Dichlorobenzene	21.9		µg/kg wet		20.0		110	70-130	8	25
Dichlorodifluoromethane (Freon12)	22.5		µg/kg wet		20.0		112	34.4-167	11	50
1,1-Dichloroethane	18.9		µg/kg wet		20.0		94	70-130	2	25
1,2-Dichloroethane	17.7		µg/kg wet		20.0		88	70-130	2	25
1,1-Dichloroethene	17.9		µg/kg wet		20.0		90	70-130	1	25
cis-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130	4	25
trans-1,2-Dichloroethene	20.5		µg/kg wet		20.0		103	70-130	6	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	0.7	25
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130	1	25
2,2-Dichloropropane	21.3		µg/kg wet		20.0		107	70-130	9	25
1,1-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130	4	25
cis-1,3-Dichloropropene	19.6		µg/kg wet		20.0		98	70-130	1	25
trans-1,3-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130	1	25
Ethylbenzene	20.4		µg/kg wet		20.0		102	70-130	3	25
Hexachlorobutadiene	21.8		µg/kg wet		20.0		109	60.7-140	7	50
2-Hexanone (MBK)	16.7		µg/kg wet		20.0		84	70-130	21	25
Isopropylbenzene	20.5		µg/kg wet		20.0		103	70-130	5	25
4-Isopropyltoluene	23.4		µg/kg wet		20.0		117	70-130	7	25
Methyl tert-butyl ether	17.6		µg/kg wet		20.0		88	70-130	3	25
4-Methyl-2-pentanone (MIBK)	15.3		µg/kg wet		20.0		76	46.1-145	19	50
Methylene chloride	17.2		µg/kg wet		20.0		86	70-130	3	25
Naphthalene	19.8		µg/kg wet		20.0		99	70-130	4	25
n-Propylbenzene	21.4		µg/kg wet		20.0		107	70-130	0.4	25
Styrene	20.3		µg/kg wet		20.0		102	70-130	5	25
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062214 - SW846 5035A Soil (low level)										
LCS Dup (7062214-BSD1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2,2-Tetrachloroethane	18.1		µg/kg wet		20.0		90	70-130	16	25
Tetrachloroethene	19.0		µg/kg wet		20.0		95	70-130	0.7	25
Toluene	17.9		µg/kg wet		20.0		90	70-130	1	25
1,2,3-Trichlorobenzene	23.9		µg/kg wet		20.0		120	70-130	10	25
1,2,4-Trichlorobenzene	23.3		µg/kg wet		20.0		116	70-130	9	25
1,1,1-Trichloroethane	19.0		µg/kg wet		20.0		95	70-130	4	25
1,1,2-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130	6	25
Trichloroethene	18.7		µg/kg wet		20.0		94	70-130	5	25
Trichlorofluoromethane (Freon 11)	19.5		µg/kg wet		20.0		97	56.8-140	6	50
1,2,3-Trichloropropane	18.5		µg/kg wet		20.0		92	70-130	11	25
1,2,4-Trimethylbenzene	21.8		µg/kg wet		20.0		109	70-130	2	25
1,3,5-Trimethylbenzene	21.6		µg/kg wet		20.0		108	70-130	2	25
Vinyl chloride	22.2		µg/kg wet		20.0		111	70-130	3	25
m,p-Xylene	41.3		µg/kg wet		40.0		103	70-130	0.6	25
o-Xylene	21.8		µg/kg wet		20.0		109	70-130	5	25
Tetrahydrofuran	18.0		µg/kg wet		20.0		90	70-130	2	25
Ethyl ether	17.3		µg/kg wet		20.0		87	65.3-130	18	50
Tert-amyl methyl ether	19.0		µg/kg wet		20.0		95	70-130	7	25
Ethyl tert-butyl ether	18.4		µg/kg wet		20.0		92	70-130	3	25
Di-isopropyl ether	18.9		µg/kg wet		20.0		94	70-130	0.1	25
Tert-Butanol / butyl alcohol	162		µg/kg wet		200		81	70-130	24	25
1,4-Dioxane	137	QC1	µg/kg wet		200		68	34-155	57	25
Surrogate: 4-Bromofluorobenzene	*49.7*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.4*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/kg wet		*50.0*		*98*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061835 - SW846 3510C										
Blank (7061835-BLK1)										
Prepared & Analyzed: 25-Jun-07										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0377*		mg/l		*0.0500*		*75*	*40-140*		
LCS (7061835-BS1)										
Prepared & Analyzed: 25-Jun-07										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		97	60-120		
Surrogate: 1-Chlorooctadecane	*0.0450*		mg/l		*0.0500*		*90*	*60-120*		
Batch 7061955 - SW846 3550B										
Blank (7061955-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.04*		mg/kg wet		*3.33*		*61*	*40-140*		
LCS (7061955-BS1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	58.8		mg/kg wet	13.3	93.3		63	60-120		
Surrogate: 1-Chlorooctadecane	*2.42*		mg/kg wet		*3.33*		*73*	*60-120*		
Duplicate (7061955-DUP1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Gasoline	BRL		mg/kg dry	36.2		BRL				50
Fuel Oil #2	BRL		mg/kg dry	36.2		BRL				50
Fuel Oil #4	BRL		mg/kg dry	36.2		BRL				50
Fuel Oil #6	BRL		mg/kg dry	36.2		BRL				50
Motor Oil	BRL		mg/kg dry	36.2		BRL				50
Aviation Fuel	BRL		mg/kg dry	36.2		BRL				50
Unidentified	BRL		mg/kg dry	36.2		BRL				50
Other Oil	BRL		mg/kg dry	36.2		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	36.2		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	36.2		BRL				50
Surrogate: 1-Chlorooctadecane	*2.41*		mg/kg dry		*4.54*		*53*	*40-140*		
Matrix Spike (7061955-MS1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061955 - SW846 3550B										
Matrix Spike (7061955-MS1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	77.1		mg/kg dry	18.0	126	BRL	61	50-150		
Surrogate: 1-Chlorooctadecane	*2.83*		mg/kg dry		*4.50*		*63*	*40-140*		
Matrix Spike Dup (7061955-MSD1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	83.4		mg/kg dry	17.9	126	BRL	66	50-150	8	30
Surrogate: 1-Chlorooctadecane	*3.09*		mg/kg dry		*4.48*		*69*	*40-140*		
Batch 7061956 - SW846 3550B										
Blank (7061956-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.45*		mg/kg wet		*3.33*		*73*	*40-140*		
LCS (7061956-BS1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	102		mg/kg wet	13.3	93.3		109	60-120		
Surrogate: 1-Chlorooctadecane	*3.88*		mg/kg wet		*3.33*		*116*	*60-120*		
Duplicate (7061956-DUP1) **Source: SA64044-04**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Gasoline	BRL		mg/kg dry	30.6		BRL				50
Fuel Oil #2	BRL		mg/kg dry	30.6		BRL				50
Fuel Oil #4	BRL		mg/kg dry	30.6		BRL				50
Fuel Oil #6	BRL		mg/kg dry	30.6		BRL				50
Motor Oil	BRL		mg/kg dry	30.6		BRL				50
Aviation Fuel	BRL		mg/kg dry	30.6		BRL				50
Unidentified	BRL		mg/kg dry	30.6		BRL				50
Other Oil	BRL		mg/kg dry	30.6		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.6		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.6		BRL				50
Surrogate: 1-Chlorooctadecane	*3.84*		mg/kg dry		*3.84*		*100*	*40-140*		
Matrix Spike (7061956-MS1) **Source: SA64044-04**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	70.5		mg/kg dry	15.3	108	BRL	66	50-150		
Surrogate: 1-Chlorooctadecane	*2.92*		mg/kg dry		*3.84*		*76*	*40-140*		
Matrix Spike Dup (7061956-MSD1) **Source: SA64044-04**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
C9-C36 Aliphatic Hydrocarbons	80.8		mg/kg dry	15.1	106	BRL	76	50-150	15	30
Surrogate: 1-Chlorooctadecane	*3.29*		mg/kg dry		*3.79*		*87*	*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 7061838 - SW846 3510C										
Blank (7061838-BLK1)										
Prepared & Analyzed: 25-Jun-07										
Aldrin	BRL		µg/l	0.1000						
a-BHC	BRL		µg/l	0.1000						
b-BHC	BRL		µg/l	0.1000						
d-BHC	BRL		µg/l	0.1000						
g-BHC (Lindane)	BRL		µg/l	0.1000						
Chlordane	BRL		µg/l	0.5000						
4,4'-DDD (p,p')	BRL		µg/l	0.1000						
4,4'-DDE (p,p')	BRL		µg/l	0.1000						
4,4'-DDT (p,p')	BRL		µg/l	0.1000						
Dieldrin	BRL		µg/l	0.1000						
Endosulfan I	BRL		µg/l	0.1000						
Endosulfan II	BRL		µg/l	0.1000						
Endosulfan Sulfate	BRL		µg/l	0.1000						
Endrin	BRL		µg/l	0.1000						
Endrin Aldehyde	BRL		µg/l	0.1000						
Heptachlor	BRL		µg/l	0.1000						
Methoxychlor	BRL		µg/l	0.1000						
Heptachlor Epoxide	BRL		µg/l	0.1000						
Toxaphene	BRL		µg/l	0.5000						
a-Chlordane	BRL		µg/l	0.1000						
g-Chlordane	BRL		µg/l	0.1000						
Endrin Ketone	BRL		µg/l	0.1000						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.136*		µg/l		*0.200*		*68*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.185*		µg/l		*0.200*		*93*	*30-150*		
LCS (7061838-BS1)										
Prepared & Analyzed: 25-Jun-07										
Aldrin	0.2020		µg/l	0.1000	0.200		101	40-140		
a-BHC	0.1817		µg/l	0.1000	0.200		91	40-140		
b-BHC	0.1566		µg/l	0.1000	0.200		78	40-140		
d-BHC	0.1767		µg/l	0.1000	0.200		88	40-140		
g-BHC (Lindane)	0.1798		µg/l	0.1000	0.200		90	40-140		
4,4'-DDD (p,p')	0.2308		µg/l	0.1000	0.200		115	40-140		
4,4'-DDE (p,p')	0.2110		µg/l	0.1000	0.200		106	40-140		
4,4'-DDT (p,p')	0.1776		µg/l	0.1000	0.200		89	40-140		
Dieldrin	0.2075		µg/l	0.1000	0.200		104	40-140		
Endosulfan I	0.2177		µg/l	0.1000	0.200		109	40-140		
Endosulfan II	0.2260		µg/l	0.1000	0.200		113	40-140		
Endosulfan Sulfate	0.2203		µg/l	0.1000	0.200		110	40-140		
Endrin	0.2176		µg/l	0.1000	0.200		109	40-140		
Endrin Aldehyde	0.2004		µg/l	0.1000	0.200		100	40-140		
Heptachlor	0.1924		µg/l	0.1000	0.200		96	40-140		
Methoxychlor	0.1801		µg/l	0.1000	0.200		90	40-140		
Heptachlor Epoxide	0.2049		µg/l	0.1000	0.200		102	40-140		
a-Chlordane	0.2099		µg/l	0.1000	0.200		105	40-140		
g-Chlordane	0.2072		µg/l	0.1000	0.200		104	40-140		
Endrin Ketone	0.2283		µg/l	0.1000	0.200		114	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.135*		µg/l		*0.200*		*67*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.200*		µg/l		*0.200*		*100*	*30-150*		
LCS Dup (7061838-BSD1)										
Prepared & Analyzed: 25-Jun-07										
Aldrin	0.2072		µg/l	0.1000	0.200		104	40-140	3	20

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061838 - SW846 3510C										
LCS Dup (7061838-BSD1)										
Prepared & Analyzed: 25-Jun-07										
a-BHC	0.1864		µg/l	0.1000	0.200		93	40-140	3	20
b-BHC	0.1599		µg/l	0.1000	0.200		80	40-140	2	20
d-BHC	0.1826		µg/l	0.1000	0.200		91	40-140	3	20
g-BHC (Lindane)	0.1870		µg/l	0.1000	0.200		93	40-140	4	20
4,4'-DDD (p,p')	0.2344		µg/l	0.1000	0.200		117	40-140	2	20
4,4'-DDE (p,p')	0.2055		µg/l	0.1000	0.200		103	40-140	3	20
4,4'-DDT (p,p')	0.1751		µg/l	0.1000	0.200		88	40-140	1	20
Dieldrin	0.2078		µg/l	0.1000	0.200		104	40-140	0.1	20
Endosulfan I	0.2122		µg/l	0.1000	0.200		106	40-140	3	20
Endosulfan II	0.2288		µg/l	0.1000	0.200		114	40-140	1	20
Endosulfan Sulfate	0.2077		µg/l	0.1000	0.200		104	40-140	6	20
Endrin	0.2173		µg/l	0.1000	0.200		109	40-140	0.1	20
Endrin Aldehyde	0.1938		µg/l	0.1000	0.200		97	40-140	3	20
Heptachlor	0.1976		µg/l	0.1000	0.200		99	40-140	3	20
Methoxychlor	0.1705		µg/l	0.1000	0.200		85	40-140	6	20
Heptachlor Epoxide	0.2108		µg/l	0.1000	0.200		105	40-140	3	20
a-Chlordane	0.2064		µg/l	0.1000	0.200		103	40-140	2	20
g-Chlordane	0.2063		µg/l	0.1000	0.200		103	40-140	0.4	20
Endrin Ketone	0.2132		µg/l	0.1000	0.200		107	40-140	7	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.181*		µg/l		*0.200*		*90*	*30-150*		
Batch 7061839 - SW846 3510C										
Blank (7061839-BLK1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
PCB 1016	BRL		µg/l	0.200						
PCB 1221	BRL		µg/l	0.200						
PCB 1232	BRL		µg/l	0.200						
PCB 1242	BRL		µg/l	0.200						
PCB 1248	BRL		µg/l	0.200						
PCB 1254	BRL		µg/l	0.200						
PCB 1260	BRL		µg/l	0.200						
PCB 1262	BRL		µg/l	0.200						
PCB 1268	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.130*		µg/l		*0.200*		*65*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70*	*30-150*		
LCS (7061839-BS1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
PCB 1016	2.31		µg/l	0.200	2.50		92	40-140		
PCB 1260	2.01		µg/l	0.200	2.50		80	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.140*		µg/l		*0.200*		*70*	*30-150*		
LCS Dup (7061839-BSD1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
PCB 1016	2.33		µg/l	0.200	2.50		93	40-140	0.9	20
PCB 1260	2.04		µg/l	0.200	2.50		82	40-140	1	20
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.120*		µg/l		*0.200*		*60*	*30-150*		
Batch 7061849 - SW846 3550B										
Blank (7061849-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 7061849 - SW846 3550B										
Prepared: 25-Jun-07 Analyzed: 28-Jun-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*8.62*		µg/kg wet		*28.6*		*30*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*9.64*		µg/kg wet		*28.6*		*34*	*30-150*		
LCS (7061849-BS1)										
Prepared: 25-Jun-07 Analyzed: 28-Jun-07										
Aldrin	24.1		µg/kg wet	14.3	28.6		84	40-140		
a-BHC	23.8		µg/kg wet	14.3	28.6		83	40-140		
b-BHC	20.9		µg/kg wet	14.3	28.6		73	40-140		
d-BHC	21.2		µg/kg wet	14.3	28.6		74	40-140		
g-BHC (Lindane)	23.3		µg/kg wet	14.3	28.6		82	40-140		
4,4'-DDD (p,p')	22.0		µg/kg wet	14.3	28.6		77	40-140		
4,4'-DDE (p,p')	23.1		µg/kg wet	14.3	28.6		81	40-140		
4,4'-DDT (p,p')	23.7		µg/kg wet	14.3	28.6		83	40-140		
Dieldrin	21.4		µg/kg wet	14.3	28.6		75	40-140		
Endosulfan I	23.2		µg/kg wet	14.3	28.6		81	40-140		
Endosulfan II	23.3		µg/kg wet	14.3	28.6		82	40-140		
Endosulfan Sulfate	23.4		µg/kg wet	14.3	28.6		82	40-140		
Endrin	23.1		µg/kg wet	14.3	28.6		81	40-140		
Endrin Aldehyde	23.8		µg/kg wet	14.3	28.6		83	40-140		
Heptachlor	25.8		µg/kg wet	14.3	28.6		90	40-140		
Methoxychlor	25.6		µg/kg wet	14.3	28.6		90	40-140		
Heptachlor Epoxide	24.1		µg/kg wet	14.3	28.6		84	40-140		
a-Chlordane	23.6		µg/kg wet	14.3	28.6		83	40-140		
g-Chlordane	23.7		µg/kg wet	14.3	28.6		83	40-140		
Endrin Ketone	24.4		µg/kg wet	14.3	28.6		85	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.3*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.0*		µg/kg wet		*28.6*		*49*	*30-150*		
LCS Dup (7061849-BSD1)										
Prepared: 25-Jun-07 Analyzed: 28-Jun-07										
Aldrin	24.5		µg/kg wet	14.3	28.6		86	40-140	1	30
a-BHC	25.0		µg/kg wet	14.3	28.6		87	40-140	5	30

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061849 - SW846 3550B										
LCS Dup (7061849-BSD1)										
Prepared: 25-Jun-07 Analyzed: 28-Jun-07										
b-BHC	20.1		µg/kg wet	14.3	28.6		70	40-140	4	30
d-BHC	21.3		µg/kg wet	14.3	28.6		74	40-140	0.3	30
g-BHC (Lindane)	23.9		µg/kg wet	14.3	28.6		84	40-140	2	30
4,4'-DDD (p,p')	22.3		µg/kg wet	14.3	28.6		78	40-140	1	30
4,4'-DDE (p,p')	23.9		µg/kg wet	14.3	28.6		84	40-140	4	30
4,4'-DDT (p,p')	22.7		µg/kg wet	14.3	28.6		80	40-140	4	30
Dieldrin	22.4		µg/kg wet	14.3	28.6		78	40-140	5	30
Endosulfan I	24.7		µg/kg wet	14.3	28.6		87	40-140	6	30
Endosulfan II	23.6		µg/kg wet	14.3	28.6		82	40-140	1	30
Endosulfan Sulfate	25.2		µg/kg wet	14.3	28.6		88	40-140	8	30
Endrin	23.8		µg/kg wet	14.3	28.6		83	40-140	3	30
Endrin Aldehyde	22.2		µg/kg wet	14.3	28.6		78	40-140	7	30
Heptachlor	25.1		µg/kg wet	14.3	28.6		88	40-140	3	30
Methoxychlor	26.3		µg/kg wet	14.3	28.6		92	40-140	3	30
Heptachlor Epoxide	24.1		µg/kg wet	14.3	28.6		84	40-140	0.01	30
a-Chlordane	23.7		µg/kg wet	14.3	28.6		83	40-140	0.6	30
g-Chlordane	23.0		µg/kg wet	14.3	28.6		80	40-140	3	30
Endrin Ketone	26.8		µg/kg wet	14.3	28.6		94	40-140	9	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*10.6*		µg/kg wet		*28.6*		*37*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.6*		µg/kg wet		*28.6*		*51*	*30-150*		
Duplicate (7061849-DUP1) **Source: SA63997-01**										
Prepared: 25-Jun-07 Analyzed: 28-Jun-07										
Aldrin	BRL		µg/kg dry	16.4		BRL				30
a-BHC	BRL		µg/kg dry	16.4		BRL				30
b-BHC	BRL		µg/kg dry	16.4		BRL				30
d-BHC	BRL		µg/kg dry	16.4		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	16.4		BRL				30
Chlordane	BRL		µg/kg dry	81.9		BRL				30
4,4'-DDD (p,p')	BRL		µg/kg dry	16.4		BRL				30
4,4'-DDE (p,p')	BRL		µg/kg dry	16.4		BRL				30
4,4'-DDT (p,p')	BRL		µg/kg dry	16.4		BRL				30
Dieldrin	BRL		µg/kg dry	16.4		BRL				30
Endosulfan I	BRL		µg/kg dry	16.4		BRL				30
Endosulfan II	BRL		µg/kg dry	16.4		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	16.4		BRL				30
Endrin	BRL		µg/kg dry	16.4		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	16.4		BRL				30
Heptachlor	BRL		µg/kg dry	16.4		BRL				30
Methoxychlor	BRL		µg/kg dry	16.4		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	16.4		BRL				30
Toxaphene	BRL		µg/kg dry	81.9		BRL				30
a-Chlordane	BRL		µg/kg dry	16.4		BRL				30
g-Chlordane	BRL		µg/kg dry	16.4		BRL				30
Endrin Ketone	BRL		µg/kg dry	16.4		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg dry		*32.7*		*61*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*28.9*		µg/kg dry		*32.7*		*88*	*30-150*		
Batch 7061960 - SW846 3545A										
Blank (7061960-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	BRL		µg/kg wet	28.6						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061960 - SW846 3545A										
Blank (7061960-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
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)	*8.57*		µg/kg wet		*28.6*		*30*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
LCS (7061960-BS1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	347		µg/kg wet	28.6	357		97	40-140		
PCB 1260	319		µg/kg wet	28.6	357		89	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.3*		µg/kg wet		*28.6*		*50*	*30-150*		
LCS Dup (7061960-BSD1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	343		µg/kg wet	28.6	357		96	40-140	1	30
PCB 1260	333		µg/kg wet	28.6	357		93	40-140	4	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.4*		µg/kg wet		*28.6*		*40*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*14.3*		µg/kg wet		*28.6*		*50*	*30-150*		
Duplicate (7061960-DUP1) **Source: SA64044-13**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	BRL		µg/kg dry	34.4		BRL				40
PCB 1221	BRL		µg/kg dry	34.4		BRL				40
PCB 1232	BRL		µg/kg dry	34.4		BRL				40
PCB 1242	BRL		µg/kg dry	34.4		BRL				40
PCB 1248	BRL		µg/kg dry	34.4		BRL				40
PCB 1254	BRL		µg/kg dry	34.4		BRL				40
PCB 1260	BRL		µg/kg dry	34.4		BRL				40
PCB 1262	BRL		µg/kg dry	34.4		BRL				40
PCB 1268	BRL		µg/kg dry	34.4		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.2*		µg/kg dry		*34.4*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.6*		µg/kg dry		*34.4*		*60*	*30-150*		
Matrix Spike (7061960-MS1) **Source: SA64044-13**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	341		µg/kg dry	28.9	361	BRL	94	40-140		
PCB 1260	318		µg/kg dry	28.9	361	BRL	88	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg dry		*28.9*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.7*		µg/kg dry		*28.9*		*75*	*30-150*		
Matrix Spike Dup (7061960-MSD1) **Source: SA64044-13**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
PCB 1016	330		µg/kg dry	29.6	370	BRL	89	40-140	6	50
PCB 1260	319		µg/kg dry	29.6	370	BRL	86	40-140	2	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*14.8*		µg/kg dry		*29.6*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.7*		µg/kg dry		*29.6*		*70*	*30-150*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061840 - SW846 3510C										
Blank (7061840-BLK1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
Acenaphthene	BRL		µg/l	0.050						
Acenaphthene	BRL		µg/l	5.00						
Acenaphthylene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	5.00						
Aniline	BRL		µg/l	5.00						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	5.00						
Anthracene	BRL		µg/l	0.050						
Atrazine	BRL		µg/l	5.00						
Azobenzene/Diphenyldiazine	BRL		µg/l	5.00						
Benzidine	BRL		µg/l	5.00						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	5.00						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	5.00						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	5.00						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	5.00						
Benzoic acid	BRL		µg/l	5.00						
Benzyl alcohol	BRL		µg/l	5.00						
Bis(2-chloroethoxy)methane	BRL		µg/l	5.00						
Bis(2-chloroethyl)ether	BRL		µg/l	5.00						
Bis(2-chloroisopropyl)ether	BRL		µg/l	5.00						
Bis(2-ethylhexyl)phthalate	BRL		µg/l	5.00						
4-Bromophenyl phenyl ether	BRL		µg/l	5.00						
Butyl benzyl phthalate	BRL		µg/l	5.00						
Carbazole	BRL		µg/l	5.00						
4-Chloro-3-methylphenol	BRL		µg/l	5.00						
4-Chloroaniline	BRL		µg/l	5.00						
2-Chloronaphthalene	BRL		µg/l	5.00						
2-Chlorophenol	BRL		µg/l	5.00						
4-Chlorophenyl phenyl ether	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	5.00						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	5.00						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Dibenzofuran	BRL		µg/l	5.00						
1,2-Dichlorobenzene	BRL		µg/l	5.00						
1,3-Dichlorobenzene	BRL		µg/l	5.00						
1,4-Dichlorobenzene	BRL		µg/l	5.00						
3,3'-Dichlorobenzidine	BRL		µg/l	5.00						
2,4-Dichlorophenol	BRL		µg/l	5.00						
Diethyl phthalate	BRL		µg/l	5.00						
Dimethyl phthalate	BRL		µg/l	5.00						
2,4-Dimethylphenol	BRL		µg/l	5.00						
Di-n-butyl phthalate	BRL		µg/l	5.00						
4,6-Dinitro-2-methylphenol	BRL		µg/l	5.00						
2,4-Dinitrophenol	BRL		µg/l	5.00						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061840 - SW846 3510C										
Blank (7061840-BLK1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
2,4-Dinitrotoluene	BRL		µg/l	5.00						
2,6-Dinitrotoluene	BRL		µg/l	5.00						
Di-n-octyl phthalate	BRL		µg/l	5.00						
Fluoranthene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	5.00						
Fluorene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	5.00						
Hexachlorocyclopentadiene	BRL		µg/l	5.00						
Hexachloroethane	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	5.00						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
Isophorone	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	5.00						
2-Methylnaphthalene	BRL		µg/l	0.050						
2-Methylphenol	BRL		µg/l	5.00						
3,4-Methylphenol	BRL		µg/l	10.0						
Naphthalene	BRL		µg/l	5.00						
Naphthalene	BRL		µg/l	0.050						
2-Nitroaniline	BRL		µg/l	5.00						
3-Nitroaniline	BRL		µg/l	5.00						
4-Nitroaniline	BRL		µg/l	20.0						
Nitrobenzene	BRL		µg/l	5.00						
2-Nitrophenol	BRL		µg/l	5.00						
4-Nitrophenol	BRL		µg/l	20.0						
N-Nitrosodimethylamine	BRL		µg/l	5.00						
N-Nitrosodi-n-propylamine	BRL		µg/l	5.00						
N-Nitrosodiphenylamine	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	20.0						
Phenanthrene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	5.00						
Phenol	BRL		µg/l	5.00						
Pyrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	5.00						
Pyridine	BRL		µg/l	5.00						
Hexachlorobenzene	BRL		µg/l	1.00						
Hexachloroethane	BRL		µg/l	1.00						
1-Methylnaphthalene	BRL		µg/l	5.00						
1,2,4-Trichlorobenzene	BRL		µg/l	5.00						
Pentachlorophenol	BRL		µg/l	1.00						
2,4,5-Trichlorophenol	BRL		µg/l	5.00						
2,4,6-Trichlorophenol	BRL		µg/l	5.00						
Hexachlorobutadiene	BRL		µg/l	0.500						
Surrogate: 2-Fluorobiphenyl	*77.4*		µg/l		*100*		*77*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*77.4*		µg/l		*100*		*77*	*30-130*		
Surrogate: 2-Fluorophenol	*65.3*		µg/l		*100*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*76.8*		µg/l		*100*		*77*	*30-130*		
Surrogate: Phenol-d5	*59.4*		µg/l		*100*		*59*	*15-110*		
Surrogate: Terphenyl-d14	*89.6*		µg/l		*100*		*90*	*30-130*		
Surrogate: Terphenyl-d14	*89.6*		µg/l		*100*		*90*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*67.7*		µg/l		*100*		*68*	*15-110*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061840 - SW846 3510C										
LCS (7061840-BS1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
Acenaphthene	72.9		µg/l	5.00	100		73	40-130		
Acenaphthene	72.9		µg/l	0.050	100		73	40-140		
Acenaphthylene	80.1		µg/l	5.00	100		80	40-130		
Acenaphthylene	80.1		µg/l	0.050	100		80	40-140		
Aniline	70.4		µg/l	5.00	100		70	40-130		
1-Methylnaphthalene	68.0		µg/l	0.050	100		68	40-140		
Anthracene	79.8		µg/l	5.00	100		80	40-130		
Anthracene	79.8		µg/l	0.050	100		80	40-140		
Atrazine	120		µg/l	5.00	100		120	40-130		
Azobenzene/Diphenyldiazine	83.9		µg/l	5.00	100		84	40-130		
Benzidine	48.5		µg/l	5.00	100		49	0-212		
Benzo (a) anthracene	67.6		µg/l	0.050	100		68	40-140		
Benzo (a) anthracene	67.6		µg/l	5.00	100		68	40-130		
Benzo (a) pyrene	73.9		µg/l	5.00	100		74	40-130		
Benzo (a) pyrene	73.9		µg/l	0.050	100		74	40-140		
Benzo (b) fluoranthene	77.2		µg/l	0.050	100		77	40-140		
Benzo (b) fluoranthene	77.2		µg/l	5.00	100		77	40-130		
Benzo (g,h,i) perylene	73.9		µg/l	5.00	100		74	40-130		
Benzo (g,h,i) perylene	73.9		µg/l	0.050	100		74	40-140		
Benzo (k) fluoranthene	62.5		µg/l	5.00	100		62	40-130		
Benzo (k) fluoranthene	62.5		µg/l	0.050	100		62	40-140		
Benzoic acid	42.3		µg/l	5.00	100		42	10.5-130		
Benzyl alcohol	60.9		µg/l	5.00	100		61	40-130		
Bis(2-chloroethoxy)methane	63.7		µg/l	5.00	100		64	40-130		
Bis(2-chloroethyl)ether	61.4		µg/l	5.00	100		61	40-130		
Bis(2-chloroisopropyl)ether	78.7		µg/l	5.00	100		79	40-130		
Bis(2-ethylhexyl)phthalate	61.5		µg/l	5.00	100		61	40-130		
4-Bromophenyl phenyl ether	78.8		µg/l	5.00	100		79	40-130		
Butyl benzyl phthalate	60.3		µg/l	5.00	100		60	40-130		
Carbazole	94.6		µg/l	5.00	100		95	40-130		
4-Chloro-3-methylphenol	67.6		µg/l	5.00	100		68	40-130		
4-Chloroaniline	63.1		µg/l	5.00	100		63	40-130		
2-Chloronaphthalene	70.7		µg/l	5.00	100		71	40-130		
2-Chlorophenol	64.3		µg/l	5.00	100		64	40-130		
4-Chlorophenyl phenyl ether	86.5		µg/l	5.00	100		86	40-130		
Chrysene	67.0		µg/l	0.050	100		67	40-140		
Chrysene	67.0		µg/l	5.00	100		67	40-130		
Dibenzo (a,h) anthracene	84.2		µg/l	0.050	100		84	40-140		
Dibenzo (a,h) anthracene	84.2		µg/l	5.00	100		84	40-130		
Dibenzofuran	79.1		µg/l	5.00	100		79	40-130		
1,2-Dichlorobenzene	64.5		µg/l	5.00	100		65	40-130		
1,3-Dichlorobenzene	60.3		µg/l	5.00	100		60	40-130		
1,4-Dichlorobenzene	65.0		µg/l	5.00	100		65	40-130		
3,3'-Dichlorobenzidine	72.1		µg/l	5.00	100		72	40-130		
2,4-Dichlorophenol	56.6		µg/l	5.00	100		57	40-130		
Diethyl phthalate	77.4		µg/l	5.00	100		77	40-130		
Dimethyl phthalate	69.7		µg/l	5.00	100		70	40-130		
2,4-Dimethylphenol	58.5		µg/l	5.00	100		59	40-130		
Di-n-butyl phthalate	74.5		µg/l	5.00	100		75	40-130		
4,6-Dinitro-2-methylphenol	86.9		µg/l	5.00	100		87	40-130		
2,4-Dinitrophenol	65.5		µg/l	5.00	100		66	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061840 - SW846 3510C										
LCS (7061840-BS1)										
Prepared: 25-Jun-07 Analyzed: 26-Jun-07										
2,4-Dinitrotoluene	85.7		µg/l	5.00	100		86	40-130		
2,6-Dinitrotoluene	79.9		µg/l	5.00	100		80	40-130		
Di-n-octyl phthalate	69.3		µg/l	5.00	100		69	40-130		
Fluoranthene	78.4		µg/l	0.050	100		78	40-140		
Fluoranthene	78.4		µg/l	5.00	100		78	40-130		
Fluorene	81.2		µg/l	5.00	100		81	40-130		
Fluorene	81.2		µg/l	0.050	100		81	40-140		
Hexachlorobenzene	80.5		µg/l	5.00	100		80	40-130		
Hexachlorobutadiene	74.7		µg/l	5.00	100		75	40-130		
Hexachlorocyclopentadiene	71.6		µg/l	5.00	100		72	40-130		
Hexachloroethane	72.4		µg/l	5.00	100		72	40-130		
Indeno (1,2,3-cd) pyrene	81.3		µg/l	0.050	100		81	40-140		
Indeno (1,2,3-cd) pyrene	81.3		µg/l	5.00	100		81	40-130		
Isophorone	67.7		µg/l	5.00	100		68	40-130		
2-Methylnaphthalene	74.9		µg/l	0.050	100		75	40-140		
2-Methylnaphthalene	74.9		µg/l	5.00	100		75	40-130		
2-Methylphenol	64.0		µg/l	5.00	100		64	40-130		
3,4-Methylphenol	71.9		µg/l	10.0	100		72	40-130		
Naphthalene	77.9		µg/l	5.00	100		78	40-130		
Naphthalene	77.9		µg/l	0.050	100		78	40-140		
2-Nitroaniline	77.3		µg/l	5.00	100		77	40-130		
3-Nitroaniline	80.0		µg/l	5.00	100		80	40-130		
4-Nitroaniline	109		µg/l	20.0	100		109	40-130		
Nitrobenzene	70.0		µg/l	5.00	100		70	40-130		
2-Nitrophenol	58.7		µg/l	5.00	100		59	40-130		
4-Nitrophenol	43.4		µg/l	20.0	100		43	40-130		
N-Nitrosodimethylamine	52.0		µg/l	5.00	100		52	40-130		
N-Nitrosodi-n-propylamine	70.1		µg/l	5.00	100		70	40-130		
N-Nitrosodiphenylamine	86.0		µg/l	5.00	100		86	40-130		
Pentachlorophenol	75.2		µg/l	20.0	100		75	40-130		
Phenanthrene	75.0		µg/l	5.00	100		75	40-130		
Phenanthrene	75.0		µg/l	0.050	100		75	40-140		
Phenol	66.6		µg/l	5.00	100		67	40-130		
Pyrene	59.2		µg/l	5.00	100		59	40-130		
Pyrene	59.2		µg/l	0.050	100		59	40-140		
Pyridine	56.0		µg/l	5.00	100		56	40-130		
Hexachlorobenzene	80.5		µg/l	1.00	100		80	40-140		
1-Methylnaphthalene	68.0		µg/l	5.00	100		68	40-140		
1,2,4-Trichlorobenzene	69.2		µg/l	5.00	100		69	40-130		
Hexachloroethane	72.4		µg/l	1.00	100		72	40-140		
Pentachlorophenol	75.2		µg/l	1.00	100		75	30-130		
2,4,5-Trichlorophenol	63.5		µg/l	5.00	100		63	40-130		
2,4,6-Trichlorophenol	62.9		µg/l	5.00	100		63	40-130		
Hexachlorobutadiene	74.7		µg/l	0.500	100		75	40-140		
Surrogate: 2-Fluorobiphenyl	*78.8*		µg/l		*100*		*79*	*30-130*		
Surrogate: 2-Fluorobiphenyl	*78.8*		µg/l		*100*		*79*	*30-130*		
Surrogate: 2-Fluorophenol	*58.5*		µg/l		*100*		*58*	*15-110*		
Surrogate: Nitrobenzene-d5	*76.7*		µg/l		*100*		*77*	*30-130*		
Surrogate: Phenol-d5	*61.1*		µg/l		*100*		*61*	*15-110*		
Surrogate: Terphenyl-d14	*70.7*		µg/l		*100*		*71*	*30-130*		
Surrogate: Terphenyl-d14	*70.7*		µg/l		*100*		*71*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*91.6*		µg/l		*100*		*92*	*15-110*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061840 - SW846 3510C										
Matrix Spike (7061840-MS1) **Source: SA63946-03**										
Prepared: 25-Jun-07 Analyzed: 27-Jun-07										
Acenaphthene	75.5		µg/l	0.050	119	BRL	63	40-140		
Benzo (b) fluoranthene	BRL		µg/l	0.050		BRL		40-140		
Benzo (k) fluoranthene	BRL		µg/l	0.050		BRL		40-140		
Chrysene	BRL		µg/l	0.050		BRL		40-140		
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		BRL		40-140		
Naphthalene	BRL		µg/l	0.050		BRL		40-140		
Pyrene	88.2		µg/l	0.050	119	BRL	74	40-140		
Pentachlorophenol	80.7		µg/l	1.00	238	BRL	34	30-130		
Surrogate: 2-Fluorobiphenyl	*81.9*		µg/l		*119*		*69*	*30-130*		
Surrogate: Terphenyl-dl4	*106*		µg/l		*119*		*89*	*30-130*		
Matrix Spike Dup (7061840-MSD1) **Source: SA63946-03**										
Prepared: 25-Jun-07 Analyzed: 27-Jun-07										
Acenaphthene	73.2		µg/l	0.050	115	BRL	64	40-140	0.4	20
Benzo (b) fluoranthene	BRL		µg/l	0.050		BRL		40-140		20
Benzo (k) fluoranthene	BRL		µg/l	0.050		BRL		40-140		20
Chrysene	BRL		µg/l	0.050		BRL		40-140		20
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050		BRL		40-140		20
Naphthalene	BRL		µg/l	0.050		BRL		40-140		20
Pyrene	93.5		µg/l	0.050	115	BRL	81	40-140	9	20
Pentachlorophenol	73.8		µg/l	1.00	230	BRL	32	30-130	5	20
Surrogate: 2-Fluorobiphenyl	*77.9*		µg/l		*115*		*68*	*30-130*		
Surrogate: Terphenyl-dl4	*110*		µg/l		*115*		*96*	*30-130*		
Batch 7061958 - SW846 3550B										
Blank (7061958-BLK1)										
Prepared & Analyzed: 26-Jun-07										
Acenaphthene	BRL		µg/kg wet	330						
Acenaphthylene	BRL		µg/kg wet	330						
Aniline	BRL		µg/kg wet	330						
Anthracene	BRL		µg/kg wet	330						
Atrazine	BRL		µg/kg wet	330						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	330						
Benzidine	BRL		µg/kg wet	330						
Benzo (a) anthracene	BRL		µg/kg wet	330						
Benzo (a) pyrene	BRL		µg/kg wet	330						
Benzo (b) fluoranthene	BRL		µg/kg wet	330						
Benzo (g,h,i) perylene	BRL		µg/kg wet	330						
Benzo (k) fluoranthene	BRL		µg/kg wet	330						
Benzoic acid	BRL		µg/kg wet	330						
Benzyl alcohol	BRL		µg/kg wet	330						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	330						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	330						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	330						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	330						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	330						
Butyl benzyl phthalate	BRL		µg/kg wet	330						
Carbazole	BRL		µg/kg wet	330						
4-Chloro-3-methylphenol	BRL		µg/kg wet	330						
4-Chloroaniline	BRL		µg/kg wet	330						
2-Chloronaphthalene	BRL		µg/kg wet	330						
2-Chlorophenol	BRL		µg/kg wet	330						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	330						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061958 - SW846 3550B										
Blank (7061958-BLK1)										
Prepared & Analyzed: 26-Jun-07										
Chrysene	BRL		µg/kg wet	330						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	330						
Dibenzofuran	BRL		µg/kg wet	330						
1,2-Dichlorobenzene	BRL		µg/kg wet	330						
1,3-Dichlorobenzene	BRL		µg/kg wet	330						
1,4-Dichlorobenzene	BRL		µg/kg wet	330						
3,3´-Dichlorobenzidine	BRL		µg/kg wet	330						
2,4-Dichlorophenol	BRL		µg/kg wet	330						
Diethyl phthalate	BRL		µg/kg wet	330						
Dimethyl phthalate	BRL		µg/kg wet	330						
2,4-Dimethylphenol	BRL		µg/kg wet	330						
Di-n-butyl phthalate	BRL		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	330						
2,4-Dinitrophenol	BRL		µg/kg wet	330						
2,4-Dinitrotoluene	BRL		µg/kg wet	330						
2,6-Dinitrotoluene	BRL		µg/kg wet	330						
Di-n-octyl phthalate	BRL		µg/kg wet	330						
Fluoranthene	BRL		µg/kg wet	330						
Fluorene	BRL		µg/kg wet	330						
Hexachlorobenzene	BRL		µg/kg wet	330						
Hexachlorobutadiene	BRL		µg/kg wet	330						
Hexachlorocyclopentadiene	BRL		µg/kg wet	330						
Hexachloroethane	BRL		µg/kg wet	330						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	330						
1-Methylnaphthalene	BRL		µg/kg wet	330						
Isophorone	BRL		µg/kg wet	330						
2-Methylnaphthalene	BRL		µg/kg wet	330						
2-Methylphenol	BRL		µg/kg wet	330						
3,4-Methylphenol	BRL		µg/kg wet	330						
Naphthalene	BRL		µg/kg wet	330						
2-Nitroaniline	BRL		µg/kg wet	330						
3-Nitroaniline	BRL		µg/kg wet	330						
4-Nitroaniline	BRL		µg/kg wet	1320						
Nitrobenzene	BRL		µg/kg wet	330						
2-Nitrophenol	BRL		µg/kg wet	330						
4-Nitrophenol	BRL		µg/kg wet	1320						
N-Nitrosodimethylamine	BRL		µg/kg wet	330						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	330						
N-Nitrosodiphenylamine	BRL		µg/kg wet	330						
Pentachlorophenol	BRL		µg/kg wet	330						
Phenanthrene	BRL		µg/kg wet	330						
Phenol	BRL		µg/kg wet	330						
Pyrene	BRL		µg/kg wet	330						
Pyridine	BRL		µg/kg wet	330						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	330						
2,4,5-Trichlorophenol	BRL		µg/kg wet	330						
2,4,6-Trichlorophenol	BRL		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	*4360*		µg/kg wet		*6670*		*65*	*30-130*		
Surrogate: 2-Fluorophenol	*4430*		µg/kg wet		*6670*		*66*	*15-110*		
Surrogate: Nitrobenzene-d5	*3990*		µg/kg wet		*6670*		*60*	*30-130*		
Surrogate: Phenol-d5	*4480*		µg/kg wet		*6670*		*67*	*15-110*		
Surrogate: Terphenyl-d14	*4970*		µg/kg wet		*6670*		*75*	*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 7061958 - SW846 3550B										
Blank (7061958-BLK1)										
Prepared & Analyzed: 26-Jun-07										
Surrogate: 2,4,6-Tribromophenol	*4340*		µg/kg wet		*6670*		*65*	*15-110*		
LCS (7061958-BS1)										
Prepared & Analyzed: 26-Jun-07										
Acenaphthene	4370		µg/kg wet	330	6670		66	40-130		
Acenaphthylene	4830		µg/kg wet	330	6670		72	40-130		
Aniline	5510		µg/kg wet	330	6670		83	40-130		
Anthracene	4560		µg/kg wet	330	6670		68	40-130		
Atrazine	15300	QC2	µg/kg wet	330	6670		229	40-130		
Azobenzene/Diphenyldiazine	3720		µg/kg wet	330	6670		56	40-130		
Benzidine	BRL		µg/kg wet	330	6670			0-130		
Benzo (a) anthracene	3800		µg/kg wet	330	6670		57	40-130		
Benzo (a) pyrene	4820		µg/kg wet	330	6670		72	40-130		
Benzo (b) fluoranthene	5610		µg/kg wet	330	6670		84	40-130		
Benzo (g,h,i) perylene	4390		µg/kg wet	330	6670		66	40-130		
Benzo (k) fluoranthene	3750		µg/kg wet	330	6670		56	40-130		
Benzoic acid	2820		µg/kg wet	330	6670		42	6.16-130		
Benzyl alcohol	3200		µg/kg wet	330	6670		48	40-130		
Bis(2-chloroethoxy)methane	2930		µg/kg wet	330	6670		44	40-130		
Bis(2-chloroethyl)ether	5300		µg/kg wet	330	6670		80	40-130		
Bis(2-chloroisopropyl)ether	4830		µg/kg wet	330	6670		72	40-130		
Bis(2-ethylhexyl)phthalate	3870		µg/kg wet	330	6670		58	40-130		
4-Bromophenyl phenyl ether	4240		µg/kg wet	330	6670		64	40-130		
Butyl benzyl phthalate	3800		µg/kg wet	330	6670		57	40-130		
Carbazole	11900	QC2	µg/kg wet	330	6670		178	40-130		
4-Chloro-3-methylphenol	3270		µg/kg wet	330	6670		49	40-130		
4-Chloroaniline	4920		µg/kg wet	330	6670		74	40-130		
2-Chloronaphthalene	4080		µg/kg wet	330	6670		61	40-130		
2-Chlorophenol	3830		µg/kg wet	330	6670		58	40-130		
4-Chlorophenyl phenyl ether	4940		µg/kg wet	330	6670		74	40-130		
Chrysene	4670		µg/kg wet	330	6670		70	40-130		
Dibenzo (a,h) anthracene	4630		µg/kg wet	330	6670		69	40-130		
Dibenzofuran	4660		µg/kg wet	330	6670		70	40-130		
1,2-Dichlorobenzene	4990		µg/kg wet	330	6670		75	40-130		
1,3-Dichlorobenzene	3070		µg/kg wet	330	6670		46	40-130		
1,4-Dichlorobenzene	4780		µg/kg wet	330	6670		72	40-130		
3,3'-Dichlorobenzidine	5890		µg/kg wet	330	6670		88	40-130		
2,4-Dichlorophenol	3150		µg/kg wet	330	6670		47	40-130		
Diethyl phthalate	4310		µg/kg wet	330	6670		65	40-130		
Dimethyl phthalate	4470		µg/kg wet	330	6670		67	40-130		
2,4-Dimethylphenol	2840		µg/kg wet	330	6670		43	40-130		
Di-n-butyl phthalate	4080		µg/kg wet	330	6670		61	40-130		
4,6-Dinitro-2-methylphenol	3050		µg/kg wet	330	6670		46	40-130		
2,4-Dinitrophenol	3950		µg/kg wet	330	6670		59	40-130		
2,4-Dinitrotoluene	4960		µg/kg wet	330	6670		74	40-130		
2,6-Dinitrotoluene	5450		µg/kg wet	330	6670		82	40-130		
Di-n-octyl phthalate	3990		µg/kg wet	330	6670		60	40-130		
Fluoranthene	4240		µg/kg wet	330	6670		64	40-130		
Fluorene	4870		µg/kg wet	330	6670		73	40-130		
Hexachlorobenzene	4520		µg/kg wet	330	6670		68	40-130		
Hexachlorobutadiene	3370		µg/kg wet	330	6670		51	40-130		
Hexachlorocyclopentadiene	469	QC2	µg/kg wet	330	6670		7	40-130		

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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 7061958 - SW846 3550B										
LCS (7061958-BS1)										
Prepared & Analyzed: 26-Jun-07										
Hexachloroethane	4160		µg/kg wet	330	6670		62	40-130		
Indeno (1,2,3-cd) pyrene	4510		µg/kg wet	330	6670		68	40-130		
1-Methylnaphthalene	4590		µg/kg wet	330	6670		69	40-140		
Isophorone	3330		µg/kg wet	330	6670		50	40-130		
2-Methylnaphthalene	3870		µg/kg wet	330	6670		58	40-130		
2-Methylphenol	3750		µg/kg wet	330	6670		56	40-130		
3,4-Methylphenol	3600		µg/kg wet	330	6670		54	40-130		
Naphthalene	3300		µg/kg wet	330	6670		50	40-130		
2-Nitroaniline	4910		µg/kg wet	330	6670		74	40-130		
3-Nitroaniline	4460		µg/kg wet	330	6670		67	40-130		
4-Nitroaniline	5770		µg/kg wet	1320	6670		87	40-130		
Nitrobenzene	3180		µg/kg wet	330	6670		48	40-130		
2-Nitrophenol	2900		µg/kg wet	330	6670		44	40-130		
4-Nitrophenol	1950	QC2	µg/kg wet	1320	6670		29	40-130		
N-Nitrosodimethylamine	4110		µg/kg wet	330	6670		62	40-130		
N-Nitrosodi-n-propylamine	4340		µg/kg wet	330	6670		65	40-130		
N-Nitrosodiphenylamine	5550		µg/kg wet	330	6670		83	40-130		
Pentachlorophenol	2940		µg/kg wet	330	6670		44	40-130		
Phenanthrene	3950		µg/kg wet	330	6670		59	40-130		
Phenol	3950		µg/kg wet	330	6670		59	40-130		
Pyrene	3970		µg/kg wet	330	6670		60	40-130		
Pyridine	3370		µg/kg wet	330	6670		50	40-130		
1,2,4-Trichlorobenzene	3410		µg/kg wet	330	6670		51	40-130		
2,4,5-Trichlorophenol	3460		µg/kg wet	330	6670		52	40-130		
2,4,6-Trichlorophenol	3480		µg/kg wet	330	6670		52	40-130		
Surrogate: 2-Fluorobiphenyl	*4530*		µg/kg wet		*6670*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*3710*		µg/kg wet		*6670*		*56*	*15-110*		
Surrogate: Nitrobenzene-d5	*2960*		µg/kg wet		*6670*		*44*	*30-130*		
Surrogate: Phenol-d5	*4460*		µg/kg wet		*6670*		*67*	*15-110*		
Surrogate: Terphenyl-dl4	*4480*		µg/kg wet		*6670*		*67*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*4590*		µg/kg wet		*6670*		*69*	*15-110*		
Duplicate (7061958-DUP1)	**Source: SA64082-06**									
Prepared & Analyzed: 26-Jun-07										
Acenaphthene	BRL		µg/kg dry	250		BRL				50
Acenaphthylene	BRL		µg/kg dry	250		BRL				50
Aniline	BRL		µg/kg dry	250		BRL				50
Anthracene	BRL		µg/kg dry	250		BRL				50
Atrazine	BRL		µg/kg dry	250		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	250		BRL				50
Benzidine	BRL		µg/kg dry	250		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	250		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	250		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	250		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	250		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	250		BRL				50
Benzoic acid	BRL		µg/kg dry	250		BRL				50
Benzyl alcohol	BRL		µg/kg dry	250		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	250		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	250		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	250		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	250		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 7061958 - SW846 3550B										
Duplicate (7061958-DUP1) **Source: SA64082-06**										
Prepared & Analyzed: 26-Jun-07										
4-Bromophenyl phenyl ether	BRL		µg/kg dry	250		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	250		BRL				50
Carbazole	BRL		µg/kg dry	250		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	250		BRL				50
4-Chloroaniline	BRL		µg/kg dry	250		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	250		BRL				50
2-Chlorophenol	BRL		µg/kg dry	250		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	250		BRL				50
Chrysene	BRL		µg/kg dry	250		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	250		BRL				50
Dibenzofuran	BRL		µg/kg dry	250		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	250		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	250		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	250		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	250		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	250		BRL				50
Diethyl phthalate	BRL		µg/kg dry	250		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	250		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	250		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	250		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	250		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	250		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	250		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	250		BRL				50
Di-n-octyl phthalate	BRL		µg/kg dry	250		BRL				50
Fluoranthene	BRL		µg/kg dry	250		BRL				50
Fluorene	BRL		µg/kg dry	250		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	250		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	250		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	250		BRL				50
Hexachloroethane	BRL		µg/kg dry	250		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	250		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	250		BRL				50
Isophorone	BRL		µg/kg dry	250		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	250		BRL				50
2-Methylphenol	BRL		µg/kg dry	250		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	250		BRL				50
Naphthalene	BRL		µg/kg dry	250		BRL				50
2-Nitroaniline	BRL		µg/kg dry	250		BRL				50
3-Nitroaniline	BRL		µg/kg dry	250		BRL				50
4-Nitroaniline	BRL		µg/kg dry	1000		BRL				50
Nitrobenzene	BRL		µg/kg dry	250		BRL				50
2-Nitrophenol	BRL		µg/kg dry	250		BRL				50
4-Nitrophenol	BRL		µg/kg dry	1000		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	250		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	250		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	250		BRL				50
Pentachlorophenol	BRL		µg/kg dry	250		BRL				50
Phenanthrene	BRL		µg/kg dry	250		BRL				50
Phenol	BRL		µg/kg dry	250		BRL				50
Pyrene	BRL		µg/kg dry	250		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 7061958 - SW846 3550B										
Duplicate (7061958-DUP1) **Source: SA64082-06**										
Prepared & Analyzed: 26-Jun-07										
Pyridine	BRL		µg/kg dry	250		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	250		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	250		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	250		BRL				50
Surrogate: 2-Fluorobiphenyl	*1590*		µg/kg dry		*2530*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1550*		µg/kg dry		*2530*		*61*	*15-110*		
Surrogate: Nitrobenzene-d5	*1430*		µg/kg dry		*2530*		*57*	*30-130*		
Surrogate: Phenol-d5	*1470*		µg/kg dry		*2530*		*58*	*15-110*		
Surrogate: Terphenyl-dl4	*1880*		µg/kg dry		*2530*		*74*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1500*		µg/kg dry		*2530*		*59*	*15-110*		
Matrix Spike (7061958-MS1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Acenaphthene	2470		µg/kg dry	272	5500	BRL	45	40-140		
4-Chloro-3-methylphenol	4630		µg/kg dry	272	11000	BRL	42	30-130		
2-Chlorophenol	4510		µg/kg dry	272	11000	BRL	41	30-130		
1,4-Dichlorobenzene	2630		µg/kg dry	272	5500	BRL	48	40-140		
2,4-Dinitrotoluene	2960		µg/kg dry	272	5500	BRL	54	40-140		
4-Nitrophenol	3950		µg/kg dry	1090	11000	BRL	36	30-130		
N-Nitrosodi-n-propylamine	2280		µg/kg dry	272	5500	BRL	41	40-140		
Pentachlorophenol	3850		µg/kg dry	272	11000	BRL	35	30-130		
Phenol	4810		µg/kg dry	272	11000	BRL	44	30-130		
Pyrene	2850		µg/kg dry	272	5500	BRL	52	40-140		
1,2,4-Trichlorobenzene	2660		µg/kg dry	272	5500	BRL	48	40-140		
Surrogate: 2-Fluorobiphenyl	*2770*		µg/kg dry		*5500*		*50*	*30-130*		
Surrogate: 2-Fluorophenol	*2390*		µg/kg dry		*5500*		*43*	*15-110*		
Surrogate: Nitrobenzene-d5	*2300*		µg/kg dry		*5500*		*42*	*30-130*		
Surrogate: Phenol-d5	*2640*		µg/kg dry		*5500*		*48*	*15-110*		
Surrogate: Terphenyl-dl4	*3300*		µg/kg dry		*5500*		*60*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2820*		µg/kg dry		*5500*		*51*	*15-110*		
Matrix Spike Dup (7061958-MSD1) **Source: SA64082-06**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Acenaphthene	2810		µg/kg dry	272	5500	BRL	51	40-140	13	30
4-Chloro-3-methylphenol	5020		µg/kg dry	272	11000	BRL	46	30-130	8	30
2-Chlorophenol	4960		µg/kg dry	272	11000	BRL	45	30-130	9	30
1,4-Dichlorobenzene	2890		µg/kg dry	272	5500	BRL	52	40-140	9	30
2,4-Dinitrotoluene	3190		µg/kg dry	272	5500	BRL	58	40-140	7	30
4-Nitrophenol	4290		µg/kg dry	1090	11000	BRL	39	30-130	8	30
N-Nitrosodi-n-propylamine	2510		µg/kg dry	272	5500	BRL	46	40-140	10	30
Pentachlorophenol	4350		µg/kg dry	272	11000	BRL	39	30-130	12	30
Phenol	5150		µg/kg dry	272	11000	BRL	47	30-130	7	30
Pyrene	3330		µg/kg dry	272	5500	BRL	61	40-140	15	30
1,2,4-Trichlorobenzene	2880		µg/kg dry	272	5500	BRL	52	40-140	8	30
Surrogate: 2-Fluorobiphenyl	*3110*		µg/kg dry		*5500*		*56*	*30-130*		
Surrogate: 2-Fluorophenol	*2600*		µg/kg dry		*5500*		*47*	*15-110*		
Surrogate: Nitrobenzene-d5	*2450*		µg/kg dry		*5500*		*45*	*30-130*		
Surrogate: Phenol-d5	*2910*		µg/kg dry		*5500*		*53*	*15-110*		
Surrogate: Terphenyl-dl4	*3800*		µg/kg dry		*5500*		*69*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3210*		µg/kg dry		*5500*		*58*	*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 7061976 - SW846 3005A										
Blank (7061976-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Selenium	BRL		mg/l	0.0150						
Lead	BRL		mg/l	0.0075						
Cadmium	BRL		mg/l	0.0025						
Arsenic	BRL		mg/l	0.0040						
Barium	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0050						
LCS (7061976-BS1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Lead	1.39		mg/l	0.0075	1.25		111	85-115		
Selenium	1.40		mg/l	0.0150	1.25		112	85-115		
Cadmium	1.35		mg/l	0.0025	1.25		108	85-115		
Barium	1.30		mg/l	0.0050	1.25		104	85-115		
Silver	1.22		mg/l	0.0050	1.25		98	85-115		
Chromium	1.32		mg/l	0.0050	1.25		106	85-115		
Arsenic	1.38		mg/l	0.0040	1.25		111	85-115		
LCS Dup (7061976-BSD1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Lead	1.36		mg/l	0.0075	1.25		109	85-115	2	20
Selenium	1.38		mg/l	0.0150	1.25		110	85-115	2	20
Cadmium	1.32		mg/l	0.0025	1.25		106	85-115	2	20
Arsenic	1.35		mg/l	0.0040	1.25		108	85-115	3	20
Silver	1.20		mg/l	0.0050	1.25		96	85-115	2	20
Barium	1.28		mg/l	0.0050	1.25		102	85-115	2	20
Chromium	1.29		mg/l	0.0050	1.25		103	85-115	3	20
Duplicate (7061976-DUP1) **Source: SA63901-01**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Selenium	BRL		mg/l	0.0150		BRL				20
Lead	BRL		mg/l	0.0075		BRL				20
Chromium	BRL		mg/l	0.0050		BRL				20
Arsenic	0.0028	J	mg/l	0.0040		0.0031			12	20
Silver	BRL		mg/l	0.0050		BRL				20
Barium	0.0152		mg/l	0.0050		0.0152			0.3	20
Cadmium	0.0002	J	mg/l	0.0025		0.0002			0	20
Matrix Spike (7061976-MS1) **Source: SA63901-05**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Selenium	1.35		mg/l	0.0150	1.25	BRL	108	75-125		
Lead	1.36		mg/l	0.0075	1.25	BRL	109	75-125		
Silver	0.0214	QM7	mg/l	0.0050	1.25	BRL	2	75-125		
Cadmium	1.32		mg/l	0.0025	1.25	0.0034	106	75-125		
Chromium	1.31		mg/l	0.0050	1.25	BRL	105	75-125		
Barium	1.28		mg/l	0.0050	1.25	0.0068	102	75-125		
Arsenic	1.38		mg/l	0.0040	1.25	0.0026	110	75-125		
Matrix Spike Dup (7061976-MSD1) **Source: SA63901-05**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Selenium	1.40		mg/l	0.0150	1.25	BRL	112	75-125	4	20
Lead	1.41		mg/l	0.0075	1.25	BRL	113	75-125	3	20
Cadmium	1.36		mg/l	0.0025	1.25	0.0034	109	75-125	3	20
Arsenic	1.43		mg/l	0.0040	1.25	0.0026	114	75-125	4	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 7061976 - SW846 3005A										
Matrix Spike Dup (7061976-MSD1) **Source: SA63901-05**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Chromium	1.36		mg/l	0.0050	1.25	BRL	109	75-125	3	20
Barium	1.33		mg/l	0.0050	1.25	0.0068	106	75-125	4	20
Silver	0.0370	QM7, QR7	mg/l	0.0050	1.25	BRL	3	75-125	53	20
Post Spike (7061976-PS1) **Source: SA63901-05**										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Lead	1.41		mg/l	0.0075	1.25	BRL	113	80-120		
Selenium	1.40		mg/l	0.0150	1.25	BRL	112	80-120		
Cadmium	1.37		mg/l	0.0025	1.25	0.0034	109	80-120		
Arsenic	1.44		mg/l	0.0040	1.25	0.0026	115	80-120		
Chromium	1.36		mg/l	0.0050	1.25	BRL	109	80-120		
Barium	1.33		mg/l	0.0050	1.25	0.0068	106	80-120		
Batch 7061998 - EPA200/SW7000 Series										
Blank (7061998-BLK1)										
Prepared & Analyzed: 27-Jun-07										
Mercury	BRL		mg/kg wet	0.0295						
Duplicate (7061998-DUP1) **Source: SA64082-01**										
Prepared & Analyzed: 27-Jun-07										
Mercury	0.0199	J,QR4	mg/kg dry	0.0366		0.0162			21	20
Matrix Spike (7061998-MS1) **Source: SA64082-02**										
Prepared & Analyzed: 27-Jun-07										
Mercury	0.600		mg/kg dry	0.0376	0.522	0.0248	110	75-125		
Matrix Spike (7061998-MS2) **Source: SA64082-10**		QM8								
Prepared & Analyzed: 27-Jun-07										
Mercury	0.700		mg/kg dry	0.0379	0.527	0.0100	131	75-125		
Post Spike (7061998-PS1) **Source: SA64082-02**										
Prepared & Analyzed: 27-Jun-07										
Mercury	0.585		mg/kg dry	0.0374	0.519	0.0248	108	85-115		
Reference (7061998-SRM1)										
Prepared & Analyzed: 27-Jun-07										
Mercury	2.24		mg/kg wet	0.0300	2.10		107	66.1-132.8		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061977 - EPA200/SW7000 Series										
Blank (7061977-BLK1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7061977-BS1)										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	0.00223		mg/l	0.00020	0.00250		89	85-115		
Duplicate (7061977-DUP1) Source: SA64082-13										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	BRL		mg/l	0.00020		0.00009				20
Matrix Spike (7061977-MS1) Source: SA64082-14										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	0.00216		mg/l	0.00020	0.00250	BRL	86	75-125		
Matrix Spike Dup (7061977-MSD1) Source: SA64082-14										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	0.00165	QM8, QR7	mg/l	0.00020	0.00250	BRL	66	75-125	27	20
Post Spike (7061977-PS1) Source: SA64082-14										
Prepared: 26-Jun-07 Analyzed: 27-Jun-07										
Mercury	0.00231		mg/l	0.00020	0.00250	BRL	92	85-115		
Batch 7061997 - EPA 200 Series										
Blank (7061997-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	BRL		mg/kg wet	1.48						
Silver	BRL		mg/kg wet	1.48						
Cadmium	BRL		mg/kg wet	0.495						
Chromium	BRL		mg/kg wet	0.989						
Arsenic	BRL		mg/kg wet	1.48						
Lead	BRL		mg/kg wet	1.48						
Barium	BRL		mg/kg wet	0.989						
Duplicate (7061997-DUP1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Silver	BRL		mg/kg dry	1.74		BRL				35
Selenium	1.17	J	mg/kg dry	1.74		BRL				35
Arsenic	3.04		mg/kg dry	1.74		3.61			17	35
Chromium	20.3		mg/kg dry	1.16		18.3			10	35
Lead	19.9		mg/kg dry	1.74		14.8			29	35
Cadmium	0.498	J	mg/kg dry	0.579		0.446			11	35
Barium	96.6		mg/kg dry	1.16		89.2			8	35
Matrix Spike (7061997-MS1) Source: SA64082-02										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	132		mg/kg dry	1.75	146	0.498	90	70-130		
Silver	129		mg/kg dry	1.75	146	BRL	88	70-130		
Lead	140		mg/kg dry	1.75	146	14.3	86	70-130		
Cadmium	130		mg/kg dry	0.584	146	0.527	89	70-130		
Arsenic	133		mg/kg dry	1.75	146	3.64	89	70-130		
Chromium	157		mg/kg dry	1.17	146	21.0	93	70-130		
Barium	248		mg/kg dry	1.17	146	97.6	103	70-130		
Matrix Spike (7061997-MS2) Source: SA64082-10										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										

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 7061997 - EPA 200 Series										
Matrix Spike (7061997-MS2) **Source: SA64082-10**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	110		mg/kg dry	1.64	137	1.25	79	70-130		
Silver	114		mg/kg dry	1.64	137	BRL	83	70-130		
Lead	126		mg/kg dry	1.64	137	15.6	80	70-130		
Arsenic	119		mg/kg dry	1.64	137	4.34	83	70-130		
Chromium	159		mg/kg dry	1.09	137	39.1	88	70-130		
Cadmium	115		mg/kg dry	0.547	137	0.822	83	70-130		
Barium	358		mg/kg dry	1.09	137	215	104	70-130		
Post Spike (7061997-PS1) **Source: SA64082-02**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Silver	128		mg/kg dry	1.77	147	BRL	87	85-115		
Selenium	140		mg/kg dry	1.77	147	0.498	95	85-115		
Lead	142		mg/kg dry	1.77	147	14.3	87	85-115		
Arsenic	138		mg/kg dry	1.77	147	3.64	91	85-115		
Chromium	162		mg/kg dry	1.18	147	21.0	96	85-115		
Cadmium	132		mg/kg dry	0.588	147	0.527	90	85-115		
Barium	266		mg/kg dry	1.18	147	97.6	114	85-115		
Reference (7061997-SRM1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	85.6		mg/kg wet	1.50	81.7		105	77.6-122.4		
Silver	54.3		mg/kg wet	1.50	51.2		106	66-133.7		
Arsenic	66.2		mg/kg wet	1.50	67.0		99	80.3-118.9		
Chromium	36.3		mg/kg wet	1.00	37.0		98	79.3-120.8		
Lead	64.4		mg/kg wet	1.50	65.9		98	81.5-118.5		
Cadmium	34.3		mg/kg wet	0.500	33.7		102	82.1-117.9		
Barium	166		mg/kg wet	1.00	162		103	82.8-117.2		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062074 - SW846 3010A										
Blank (7062074-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	BRL		mg/l	0.0150						
Selenium	BRL		mg/l	0.0300						
Chromium	BRL		mg/l	0.0150						
Arsenic	BRL		mg/l	0.0100						
Silver	BRL		mg/l	0.0250						
Cadmium	BRL		mg/l	0.0050						
Barium	BRL		mg/l	0.0100						
LCS (7062074-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	2.48		mg/l	0.0150	2.50		99	75.8-108		
Selenium	2.44		mg/l	0.0300	2.50		97	75.1-104		
Arsenic	2.40		mg/l	0.0100	2.50		96	75.7-104		
Chromium	2.36		mg/l	0.0150	2.50		94	81.1-107		
Silver	2.55		mg/l	0.0250	2.50		102	47.9-114		
Cadmium	2.44		mg/l	0.0050	2.50		98	81.3-109		
Barium	2.58		mg/l	0.0100	2.50		103	85.1-119		
LCS Dup (7062074-BSD1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.28		mg/l	0.0300	2.50		91	75.1-104	7	20
Lead	2.35		mg/l	0.0150	2.50		94	75.8-108	6	20
Arsenic	2.26		mg/l	0.0100	2.50		90	75.7-104	6	20
Silver	2.42		mg/l	0.0250	2.50		97	47.9-114	5	20
Chromium	2.25		mg/l	0.0150	2.50		90	81.1-107	5	20
Cadmium	2.31		mg/l	0.0050	2.50		93	81.3-109	5	20
Barium	2.48		mg/l	0.0100	2.50		99	85.1-119	4	20
Duplicate (7062074-DUP1) **Source: SA64082-12**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	BRL		mg/l	0.0300		BRL				20
Lead	0.0066	J	mg/l	0.0150		0.0078			17	20
Chromium	BRL		mg/l	0.0150		0.0060				20
Cadmium	BRL		mg/l	0.0050		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0250		0.0179				20
Barium	0.0158	QR1	mg/l	0.0100		0.0244			43	20
Matrix Spike (7062074-MS1) **Source: SA64082-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.39		mg/l	0.0300	2.50	BRL	95	78.1-102		
Lead	2.48		mg/l	0.0150	2.50	0.0237	98	72.5-110		
Chromium	2.32		mg/l	0.0150	2.50	0.0093	92	81.5-106		
Silver	2.56		mg/l	0.0250	2.50	BRL	102	62.7-106		
Cadmium	2.41		mg/l	0.0050	2.50	0.0005	96	81.2-109		
Arsenic	2.38		mg/l	0.0100	2.50	BRL	95	85.4-98.8		
Barium	2.72		mg/l	0.0100	2.50	0.0482	107	88.9-114		
Matrix Spike Dup (7062074-MSD1) **Source: SA64082-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.35		mg/l	0.0300	2.50	BRL	94	78.1-102	1	35
Lead	2.46		mg/l	0.0150	2.50	0.0237	97	72.5-110	0.7	35
Chromium	2.24		mg/l	0.0150	2.50	0.0093	89	81.5-106	3	35
Silver	2.60		mg/l	0.0250	2.50	BRL	104	62.7-106	2	35

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062074 - SW846 3010A										
Matrix Spike Dup (7062074-MSD1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Cadmium	2.38		mg/l	0.0050	2.50	0.0005	95	81.2-109	1	35
Arsenic	2.34		mg/l	0.0100	2.50	BRL	94	85.4-98.8	2	35
Barium	2.69		mg/l	0.0100	2.50	0.0482	106	88.9-114	1	35
Post Spike (7062074-PS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	2.42		mg/l	0.0150	2.50	0.0237	96	70.4-112		
Selenium	2.32		mg/l	0.0300	2.50	BRL	93	73.6-105		
Chromium	2.18		mg/l	0.0150	2.50	0.0093	87	78.8-109		
Arsenic	2.31		mg/l	0.0100	2.50	BRL	92	77.1-104		
Cadmium	2.34		mg/l	0.0050	2.50	0.0005	93	78.2-111		
Barium	2.58		mg/l	0.0100	2.50	0.0482	101	86.8-118		
Batch 7062075 - EPA200/SW7000 Series										
Blank (7062075-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7062075-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00188		mg/l	0.00020	0.00250		75	66.6-117		
Duplicate (7062075-DUP1) Source: SA64082-12										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7062075-MS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00217		mg/l	0.00020	0.00250	0.00009	83	76.1-111		
Matrix Spike Dup (7062075-MSD1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00235		mg/l	0.00020	0.00250	0.00009	90	76.1-111	8	35
Post Spike (7062075-PS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00234		mg/l	0.00020	0.00250	0.00009	90	66.8-110		
Batch 7062341 - SW846 3010A										
Blank (7062341-BLK1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Silver	BRL		mg/l	0.0100						
LCS (7062341-BS1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Silver	2.41		mg/l	0.0100	2.50		96	47.9-114		
LCS Dup (7062341-BSD1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Silver	2.29		mg/l	0.0100	2.50		91	47.9-114	5	20
Matrix Spike (7062341-MS1) Source: SA64082-05										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Silver	2.44		mg/l	0.0100	2.50	BRL	97	62.7-106		
Matrix Spike Dup (7062341-MSD1) Source: SA64082-05										

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 7062341 - SW846 3010A										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Silver	2.42		mg/l	0.0100	2.50	BRL	97	62.7-106	0.8	35

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7061982 - General Preparation										
Duplicate (7061982-DUP1) **Source: SA63853-01**										
Prepared & Analyzed: 26-Jun-07										
% Solids	92.7		%			90.7			2	20
Batch 7061983 - General Preparation										
Duplicate (7061983-DUP1) **Source: SA64042-21**										
Prepared & Analyzed: 26-Jun-07										
% Solids	89.0		%			91.1			2	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.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR4	Analyses are not controlled on RPD values from sample concentrations less than the reporting limit. QC batch accepted based on LCS and/or LCSD QC results
QR7	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for batch duplicate.
V11	Analyte concentration confirmed by duplicate analysis.
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
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Christopher Hall
Nicole Brown

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

Laboratory Name:	Spectrum Analytical, Inc. - Agawam, MA	Project Name and Number:	
Project Location:	Busway-635 New Park Ave.-W. Hartford, CT	Busway-635 New Park Ave.-W. Hartford, CT/ 171-305	

This Form Provides certifications for the following data set:

SA64082-01	SA64082-11
SA64082-02	SA64082-12
SA64082-03	SA64082-13
SA64082-04	SA64082-14
SA64082-05	SA64082-15
SA64082-06	SA64082-16
SA64082-07	
SA64082-08	
SA64082-09	
SA64082-10	

Sample Matrices:
- Aqueous
- Soil/Sediment

List Specific Analytical Methods Used:
- +CT ETPH
- EPA 200.7
- EPA 245.1/7470A
- SM2540 G Mod.
- SW 846 8260B
- SW846 1312
- SW846 1312/6010B
- SW846 1312/7470A
- SW846 6010B
- SW846 7471A
- SW846 8081A
- SW846 8082
- SW846 8260B
- SW846 8270C
- SW846 8270C/EPA 625 :
- VOC

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

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

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

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

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

Date: 7/2/2007

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 6/28/07
- 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 BRASCARD - TetraTech Rizzo

Invoice To: CTDOT - DAS Contract
c/o LES
RUSH ORDER 2142
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - 634 New Park Ave.
Location: West HARTFORD State: CT
Sampler(s): C. Knight

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	CTETPH	SVOCs - 8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	Pesticides - 8081A	PCBs - 8082	QA Reporting Notes: (check if needed)
SA64052-01	634-1 2'-4'	6-24-07		C	SO		3	1			X	X	X	X	X			
02	634-2 4'-8'																	
03	634-3 4'-8'																	
04	634-4 2'-4'															X	X	
05	634-5 2'-4'															X	X	
	[redacted]																	
	[redacted]																	
06	634-8 2'-4'																	
07	634-9 2'-4'																	
08	634-10 4'-8'																	

QA Reporting Notes:
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CTDEP GA PMC + RDPC

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

Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 12.0°C
Cooler

Relinquished by:	Received by:	Date:	Time:
[signature]	Michael Gunahan	6-25-07	12:00 pm
Michael Gunahan	[signature]	6/25/07	3:30

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 6/28/07
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
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Report To: C. Knight - LES
354 S. River Rd.
Tolland CT 06084

Project Mgr.: DAVID BRASSARD - TETRA Tech Rizzo

Invoice To: CTDOT - DAS Contract c/o LES
RUSH ORDER 2142
P.O. No.: _____ RQN: _____

Project No.: 171-305
Site Name: Busway - 634 New Park Ave.
Location: West Hartford State: CT
Sampler(s): C. Knight

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs-8260	CTETPH	SVOCs-8270	Total RCRA 8 Metals	SPLP RCRA 8 Metals	Pesticides-8081A	PCBs-8082	QA Reporting Notes: (check if needed)
	[redacted]	6-24-07		C	SO		3	1			X	X	X	X	X			
SA64082-09	634-12 4-8'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓			
10	634-13 2-4'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓			
11	634-14 2-4'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓	X	X	
12	634-15 2-4'	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓	X	X	
	[redacted]	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓			
	[redacted]	↓		↓	↓		↓	↓			↓	↓	↓	↓	↓			
13	634-GRAB 1	↓		G	GW		3	4		1	↓	↓	↓	↓	↓	X	X	[redacted]
14	634-GRAB 2	↓		G	GW		3	4		1	↓	↓	↓	↓	↓	↓	↓	
15	FB-1	↓			X1		3	3		1	↓	↓	↓	↓	↓	↓	↓	

QA Reporting Notes: (check if needed)
☐ Provide MA DEP MCP CAM Report
☐ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other _____
State specific reporting standards: CTDEP GA PMC + RDEC

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

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 12.0
Cooler

Relinquished by:	Received by:	Date:	Time:
[signature]	Michael Graham	6-25-07	12:00pm
Michael Graham	[signature]	6/25/07	13:30

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SA64082 CK

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 6/28/07
- 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 Brassard - TetraTech Rizzo

Invoice To: CTDOT - DAS Contract
c/o LES
Rush Order 2142
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - 634 New Park Ave.
Location: W. HARTFORD State: CT
Sampler(s): C. Knight

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

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	CTETPH	SVOCs - 8270	Total RCRA 8 Metals	Pesticides 8081A	PCBs - 8082		
SA64082-16	TB-1	6-24-07			X1		X					X							

Containers: Analyses:

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 GA PMC + RDEC + GPC + SWPC

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

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 12.0°C

Relinquished by:	Received by:	Date:	Time:
[signature] Michael Gaskam	Michael Gaskam	6-25-07	12:00pm
	[signature]	6/25/07	13:30

Cooler

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Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062234 - SW846 5030 Soil (high level)										
Blank (7062234-BLK1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	1.0						
Acetone	BRL		µg/kg wet	10.0						
Acrylonitrile	BRL		µg/kg wet	1.0						
Benzene	BRL		µg/kg wet	1.0						
Bromobenzene	BRL		µg/kg wet	1.0						
Bromochloromethane	BRL		µg/kg wet	1.0						
Bromodichloromethane	BRL		µg/kg wet	1.0						
Bromoform	BRL		µg/kg wet	1.0						
Bromomethane	BRL		µg/kg wet	2.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	1.0						
sec-Butylbenzene	BRL		µg/kg wet	1.0						
tert-Butylbenzene	BRL		µg/kg wet	1.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	1.0						
Chlorobenzene	BRL		µg/kg wet	1.0						
Chloroethane	BRL		µg/kg wet	2.0						
Chloroform	BRL		µg/kg wet	1.0						
Chloromethane	BRL		µg/kg wet	2.0						
2-Chlorotoluene	BRL		µg/kg wet	1.0						
4-Chlorotoluene	BRL		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	2.0						
Dibromochloromethane	BRL		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	1.0						
Dibromomethane	BRL		µg/kg wet	1.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	1.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	2.0						
1,1-Dichloroethane	BRL		µg/kg wet	1.0						
1,2-Dichloroethane	BRL		µg/kg wet	1.0						
1,1-Dichloroethene	BRL		µg/kg wet	1.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	1.0						
1,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,3-Dichloropropane	BRL		µg/kg wet	1.0						
2,2-Dichloropropane	BRL		µg/kg wet	1.0						
1,1-Dichloropropene	BRL		µg/kg wet	1.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	1.0						
Ethylbenzene	BRL		µg/kg wet	1.0						
Hexachlorobutadiene	BRL		µg/kg wet	1.0						
2-Hexanone (MBK)	BRL		µg/kg wet	10.0						
Isopropylbenzene	BRL		µg/kg wet	1.0						
4-Isopropyltoluene	BRL		µg/kg wet	1.0						
Methyl tert-butyl ether	BRL		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	10.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	1.0						
n-Propylbenzene	BRL		µg/kg wet	1.0						
Styrene	BRL		µg/kg wet	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062234 - SW846 5030 Soil (high level)										
Blank (7062234-BLK1)										
Prepared & Analyzed: 28-Jun-07										
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	1.0						
Tetrachloroethene	BRL		µg/kg wet	1.0						
Toluene	BRL		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	1.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	1.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	1.0						
Trichloroethene	BRL		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	1.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	1.0						
Vinyl chloride	BRL		µg/kg wet	1.0						
m,p-Xylene	BRL		µg/kg wet	2.0						
o-Xylene	BRL		µg/kg wet	1.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	1.0						
Tert-amyl methyl ether	BRL		µg/kg wet	1.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	1.0						
Di-isopropyl ether	BRL		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	10.0						
1,4-Dioxane	BRL		µg/kg wet	20.0						
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/kg wet		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*29.9*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.7*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
LCS (7062234-BS1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130		
Acetone	12.9		µg/kg wet		20.0		64	1.77-175		
Acrylonitrile	19.9		µg/kg wet		20.0		100	70-130		
Benzene	20.3		µg/kg wet		20.0		102	70-130		
Bromobenzene	22.0		µg/kg wet		20.0		110	70-130		
Bromochloromethane	20.8		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	21.8		µg/kg wet		20.0		109	70-130		
Bromoform	20.7		µg/kg wet		20.0		104	70-130		
Bromomethane	23.1		µg/kg wet		20.0		116	55.3-136		
2-Butanone (MEK)	21.6		µg/kg wet		20.0		108	38.8-142		
n-Butylbenzene	17.1		µg/kg wet		20.0		86	70-130		
sec-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130		
tert-Butylbenzene	19.2		µg/kg wet		20.0		96	70-130		
Carbon disulfide	22.0		µg/kg wet		20.0		110	70-130		
Carbon tetrachloride	19.6		µg/kg wet		20.0		98	70-130		
Chlorobenzene	22.8		µg/kg wet		20.0		114	70-130		
Chloroethane	22.0		µg/kg wet		20.0		110	55.3-130		
Chloroform	22.5		µg/kg wet		20.0		112	70-130		
Chloromethane	26.3	QC1	µg/kg wet		20.0		132	70-130		
2-Chlorotoluene	22.9		µg/kg wet		20.0		114	70-130		
4-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dibromo-3-chloropropane	22.6		µg/kg wet		20.0		113	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062234 - SW846 5030 Soil (high level)										
LCS (7062234-BS1)										
Prepared & Analyzed: 28-Jun-07										
Dibromochloromethane	20.4		µg/kg wet		20.0		102	64.7-139		
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130		
Dibromomethane	22.2		µg/kg wet		20.0		111	70-130		
1,2-Dichlorobenzene	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130		
1,4-Dichlorobenzene	20.6		µg/kg wet		20.0		103	70-130		
Dichlorodifluoromethane (Freon12)	24.4		µg/kg wet		20.0		122	34.4-167		
1,1-Dichloroethane	22.5		µg/kg wet		20.0		112	70-130		
1,2-Dichloroethane	22.9		µg/kg wet		20.0		114	70-130		
1,1-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichloropropane	21.9		µg/kg wet		20.0		110	70-130		
2,2-Dichloropropane	19.2		µg/kg wet		20.0		96	70-130		
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130		
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
Ethylbenzene	22.0		µg/kg wet		20.0		110	70-130		
Hexachlorobutadiene	15.1		µg/kg wet		20.0		76	60.7-140		
2-Hexanone (MBK)	16.4		µg/kg wet		20.0		82	70-130		
Isopropylbenzene	20.6		µg/kg wet		20.0		103	70-130		
4-Isopropyltoluene	18.1		µg/kg wet		20.0		90	70-130		
Methyl tert-butyl ether	20.4		µg/kg wet		20.0		102	70-130		
4-Methyl-2-pentanone (MIBK)	18.3		µg/kg wet		20.0		92	46.1-145		
Methylene chloride	21.0		µg/kg wet		20.0		105	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	18.0		µg/kg wet		20.0		90	70-130		
Styrene	21.9		µg/kg wet		20.0		110	70-130		
1,1,1,2-Tetrachloroethane	21.8		µg/kg wet		20.0		109	70-130		
1,1,2,2-Tetrachloroethane	23.1		µg/kg wet		20.0		116	70-130		
Tetrachloroethene	18.0		µg/kg wet		20.0		90	70-130		
Toluene	20.0		µg/kg wet		20.0		100	70-130		
1,2,3-Trichlorobenzene	15.8		µg/kg wet		20.0		79	70-130		
1,2,4-Trichlorobenzene	15.2		µg/kg wet		20.0		76	70-130		
1,1,1-Trichloroethane	20.5		µg/kg wet		20.0		102	70-130		
1,1,2-Trichloroethane	21.3		µg/kg wet		20.0		106	70-130		
Trichloroethene	20.4		µg/kg wet		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	21.0		µg/kg wet		20.0		105	56.8-140		
1,2,3-Trichloropropane	27.4	QC2	µg/kg wet		20.0		137	70-130		
1,2,4-Trimethylbenzene	16.5		µg/kg wet		20.0		82	70-130		
1,3,5-Trimethylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130		
m,p-Xylene	41.9		µg/kg wet		40.0		105	70-130		
o-Xylene	22.2		µg/kg wet		20.0		111	70-130		
Tetrahydrofuran	19.1		µg/kg wet		20.0		96	70-130		
Ethyl ether	21.8		µg/kg wet		20.0		109	65.3-130		
Tert-amyl methyl ether	21.2		µg/kg wet		20.0		106	70-130		
Ethyl tert-butyl ether	21.5		µg/kg wet		20.0		108	70-130		
Di-isopropyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-Butanol / butyl alcohol	190		µg/kg wet		200		95	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 7062234 - SW846 5030 Soil (high level)										
LCS (7062234-BS1)										
Prepared & Analyzed: 28-Jun-07										
1,4-Dioxane	191		µg/kg wet		200		96	34-155		
Surrogate: 4-Bromofluorobenzene	*33.7*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.3*		µg/kg wet		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*31.0*		µg/kg wet		*30.0*		*103*	*70-130*		
LCS Dup (7062234-BSD1)										
Prepared & Analyzed: 28-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/kg wet		20.0		94	70-130	3	25
Acetone	10.8		µg/kg wet		20.0		54	1.77-175	17	50
Acrylonitrile	19.2		µg/kg wet		20.0		96	70-130	4	25
Benzene	19.6		µg/kg wet		20.0		98	70-130	4	25
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130	4	25
Bromochloromethane	20.5		µg/kg wet		20.0		102	70-130	2	25
Bromodichloromethane	21.4		µg/kg wet		20.0		107	70-130	2	25
Bromoform	20.3		µg/kg wet		20.0		102	70-130	2	25
Bromomethane	21.4		µg/kg wet		20.0		107	55.3-136	8	50
2-Butanone (MEK)	16.1		µg/kg wet		20.0		80	38.8-142	30	50
n-Butylbenzene	16.2		µg/kg wet		20.0		81	70-130	6	25
sec-Butylbenzene	17.5		µg/kg wet		20.0		88	70-130	0	25
tert-Butylbenzene	18.6		µg/kg wet		20.0		93	70-130	3	25
Carbon disulfide	21.6		µg/kg wet		20.0		108	70-130	2	25
Carbon tetrachloride	18.9		µg/kg wet		20.0		94	70-130	4	25
Chlorobenzene	22.3		µg/kg wet		20.0		112	70-130	2	25
Chloroethane	21.4		µg/kg wet		20.0		107	55.3-130	3	50
Chloroform	22.0		µg/kg wet		20.0		110	70-130	2	25
Chloromethane	25.4		µg/kg wet		20.0		127	70-130	4	25
2-Chlorotoluene	20.2		µg/kg wet		20.0		101	70-130	12	25
4-Chlorotoluene	20.0		µg/kg wet		20.0		100	70-130	2	25
1,2-Dibromo-3-chloropropane	21.2		µg/kg wet		20.0		106	70-130	6	25
Dibromochloromethane	19.5		µg/kg wet		20.0		98	64.7-139	4	50
1,2-Dibromoethane (EDB)	20.2		µg/kg wet		20.0		101	70-130	4	25
Dibromomethane	21.5		µg/kg wet		20.0		108	70-130	3	25
1,2-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130	4	25
1,3-Dichlorobenzene	20.1		µg/kg wet		20.0		100	70-130	2	25
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	3	25
Dichlorodifluoromethane (Freon12)	23.5		µg/kg wet		20.0		118	34.4-167	3	50
1,1-Dichloroethane	21.6		µg/kg wet		20.0		108	70-130	4	25
1,2-Dichloroethane	22.4		µg/kg wet		20.0		112	70-130	2	25
1,1-Dichloroethene	18.7		µg/kg wet		20.0		94	70-130	0	25
cis-1,2-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130	0.9	25
trans-1,2-Dichloroethene	18.9		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	4	25
1,3-Dichloropropane	21.6		µg/kg wet		20.0		108	70-130	2	25
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130	4	25
1,1-Dichloropropene	18.7		µg/kg wet		20.0		94	70-130	3	25
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130	0	25
trans-1,3-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	3	25
Ethylbenzene	21.5		µg/kg wet		20.0		108	70-130	2	25
Hexachlorobutadiene	14.2		µg/kg wet		20.0		71	60.7-140	7	50
2-Hexanone (MBK)	15.7		µg/kg wet		20.0		78	70-130	5	25
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130	5	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062234 - SW846 5030 Soil (high level)										
LCS Dup (7062234-BSD1)										
Prepared & Analyzed: 28-Jun-07										
4-Isopropyltoluene	17.2		µg/kg wet		20.0		86	70-130	5	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		100	70-130	2	25
4-Methyl-2-pentanone (MIBK)	18.2		µg/kg wet		20.0		91	46.1-145	1	50
Methylene chloride	20.6		µg/kg wet		20.0		103	70-130	2	25
Naphthalene	17.0		µg/kg wet		20.0		85	70-130	3	25
n-Propylbenzene	19.8		µg/kg wet		20.0		99	70-130	10	25
Styrene	21.2		µg/kg wet		20.0		106	70-130	4	25
1,1,1,2-Tetrachloroethane	21.1		µg/kg wet		20.0		106	70-130	3	25
1,1,2,2-Tetrachloroethane	22.1		µg/kg wet		20.0		110	70-130	5	25
Tetrachloroethene	17.5		µg/kg wet		20.0		88	70-130	2	25
Toluene	19.9		µg/kg wet		20.0		100	70-130	0	25
1,2,3-Trichlorobenzene	15.0		µg/kg wet		20.0		75	70-130	5	25
1,2,4-Trichlorobenzene	14.7		µg/kg wet		20.0		74	70-130	3	25
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130	1	25
1,1,2-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130	2	25
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130	1	25
Trichlorofluoromethane (Freon 11)	20.5		µg/kg wet		20.0		102	56.8-140	3	50
1,2,3-Trichloropropane	27.0	QC2	µg/kg wet		20.0		135	70-130	1	25
1,2,4-Trimethylbenzene	16.3		µg/kg wet		20.0		82	70-130	0	25
1,3,5-Trimethylbenzene	16.8		µg/kg wet		20.0		84	70-130	4	25
Vinyl chloride	23.1		µg/kg wet		20.0		116	70-130	11	25
m,p-Xylene	39.9		µg/kg wet		40.0		100	70-130	5	25
o-Xylene	21.7		µg/kg wet		20.0		108	70-130	3	25
Tetrahydrofuran	19.8		µg/kg wet		20.0		99	70-130	3	25
Ethyl ether	21.5		µg/kg wet		20.0		108	65.3-130	0.9	50
Tert-amyl methyl ether	20.8		µg/kg wet		20.0		104	70-130	2	25
Ethyl tert-butyl ether	21.0		µg/kg wet		20.0		105	70-130	3	25
Di-isopropyl ether	18.7		µg/kg wet		20.0		94	70-130	3	25
Tert-Butanol / butyl alcohol	180		µg/kg wet		200		90	70-130	5	25
1,4-Dioxane	183		µg/kg wet		200		92	34-155	4	25
Surrogate: 4-Bromofluorobenzene	*33.7*		µg/kg wet		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*30.5*		µg/kg wet		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.1*		µg/kg wet		*30.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/kg wet		*30.0*		*102*	*70-130*		
Matrix Spike (7062234-MS1) **Source: SA64109-03**										
Prepared: 28-Jun-07 Analyzed: 29-Jun-07										
Benzene	20.1		µg/kg dry		20.0	BRL	100	70-130		
Chlorobenzene	26.2	QM7	µg/kg dry		20.0	BRL	131	70-130		
1,1-Dichloroethene	15.4		µg/kg dry		20.0	BRL	77	70-130		
Toluene	22.8		µg/kg dry		20.0	BRL	114	70-130		
Trichloroethene	21.8		µg/kg dry		20.0	BRL	109	70-130		
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/kg dry		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.1*		µg/kg dry		*30.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*30.3*		µg/kg dry		*30.0*		*101*	*70-130*		
Matrix Spike Dup (7062234-MSD1) **Source: SA64109-03**										
Prepared: 28-Jun-07 Analyzed: 29-Jun-07										
Benzene	16.8		µg/kg dry		20.0	BRL	84	70-130	17	30
Chlorobenzene	20.4		µg/kg dry		20.0	BRL	102	70-130	25	30
1,1-Dichloroethene	13.2	QM7	µg/kg dry		20.0	BRL	66	70-130	15	30
Toluene	19.2		µg/kg dry		20.0	BRL	96	70-130	17	30

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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 7062234 - SW846 5030 Soil (high level)										
Matrix Spike Dup (7062234-MSD1) **Source: SA64109-03**										
Prepared: 28-Jun-07 Analyzed: 29-Jun-07										
Trichloroethene	18.1		µg/kg dry		20.0	BRL	90	70-130	19	30
Surrogate: 4-Bromofluorobenzene	*28.5*		µg/kg dry		*30.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/kg dry		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.6*		µg/kg dry		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*30.7*		µg/kg dry		*30.0*		*102*	*70-130*		
Batch 7062344 - SW846 5035A Soil (low level)										
Blank (7062344-BLK1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	5.0						
2-Butanone (MEK)	BRL		µg/kg wet	10.0						
n-Butylbenzene	BRL		µg/kg wet	50.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	5.0						
Carbon tetrachloride	BRL		µg/kg wet	25.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	5.0						
Chloroform	BRL		µg/kg wet	10.0						
Chloromethane	BRL		µg/kg wet	5.0						
2-Chlorotoluene	BRL		µg/kg wet	10.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	5.0						
Dibromochloromethane	BRL		µg/kg wet	10.0						
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	5.0						
1,1-Dichloroethane	BRL		µg/kg wet	10.0						
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						

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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 7062344 - SW846 5035A Soil (low level)										
Blank (7062344-BLK1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
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	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
Surrogate: Toluene-d8	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*44.3*		µg/kg wet		*50.0*		*89*	*70-130*		
LCS (7062344-BS1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.9		µg/kg wet		20.0		94	70-130		
Acetone	16.5		µg/kg wet		20.0		82	1.77-175		
Acrylonitrile	22.9		µg/kg wet		20.0		114	70-130		
Benzene	19.0		µg/kg wet		20.0		95	70-130		
Bromobenzene	17.5		µg/kg wet		20.0		88	70-130		
Bromochloromethane	17.4		µg/kg wet		20.0		87	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	16.1		µg/kg wet		20.0		80	70-130		
Bromomethane	16.3		µg/kg wet		20.0		82	55.3-136		
2-Butanone (MEK)	19.3		µg/kg wet		20.0		96	38.8-142		
n-Butylbenzene	25.6		µg/kg wet		20.0		128	70-130		
sec-Butylbenzene	19.3		µg/kg wet		20.0		96	70-130		
tert-Butylbenzene	17.9		µg/kg wet		20.0		90	70-130		
Carbon disulfide	19.8		µg/kg wet		20.0		99	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062344 - SW846 5035A Soil (low level)										
LCS (7062344-BS1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
Carbon tetrachloride	16.4		µg/kg wet		20.0		82	70-130		
Chlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
Chloroethane	18.8		µg/kg wet		20.0		94	55.3-130		
Chloroform	17.8		µg/kg wet		20.0		89	70-130		
Chloromethane	21.9		µg/kg wet		20.0		110	70-130		
2-Chlorotoluene	19.5		µg/kg wet		20.0		98	70-130		
4-Chlorotoluene	19.3		µg/kg wet		20.0		96	70-130		
1,2-Dibromo-3-chloropropane	20.7		µg/kg wet		20.0		104	70-130		
Dibromochloromethane	16.8		µg/kg wet		20.0		84	64.7-139		
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		86	70-130		
Dibromomethane	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130		
1,3-Dichlorobenzene	18.0		µg/kg wet		20.0		90	70-130		
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Dichlorodifluoromethane (Freon12)	18.4		µg/kg wet		20.0		92	34.4-167		
1,1-Dichloroethane	19.9		µg/kg wet		20.0		100	70-130		
1,2-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,1-Dichloroethene	15.9		µg/kg wet		20.0		80	70-130		
cis-1,2-Dichloroethene	18.5		µg/kg wet		20.0		92	70-130		
trans-1,2-Dichloroethene	19.5		µg/kg wet		20.0		98	70-130		
1,2-Dichloropropane	19.8		µg/kg wet		20.0		99	70-130		
1,3-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	18.4		µg/kg wet		20.0		92	70-130		
1,1-Dichloropropene	18.6		µg/kg wet		20.0		93	70-130		
cis-1,3-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130		
trans-1,3-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130		
Ethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Hexachlorobutadiene	16.6		µg/kg wet		20.0		83	60.7-140		
2-Hexanone (MBK)	21.5		µg/kg wet		20.0		108	70-130		
Isopropylbenzene	17.5		µg/kg wet		20.0		88	70-130		
4-Isopropyltoluene	21.8		µg/kg wet		20.0		109	70-130		
Methyl tert-butyl ether	17.2		µg/kg wet		20.0		86	70-130		
4-Methyl-2-pentanone (MIBK)	13.7		µg/kg wet		20.0		68	46.1-145		
Methylene chloride	18.7		µg/kg wet		20.0		94	70-130		
Naphthalene	20.4		µg/kg wet		20.0		102	70-130		
n-Propylbenzene	19.6		µg/kg wet		20.0		98	70-130		
Styrene	18.2		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,1,2,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	15.3		µg/kg wet		20.0		76	70-130		
Toluene	17.6		µg/kg wet		20.0		88	70-130		
1,2,3-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,2,4-Trichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
1,1,1-Trichloroethane	16.6		µg/kg wet		20.0		83	70-130		
1,1,2-Trichloroethane	17.8		µg/kg wet		20.0		89	70-130		
Trichloroethene	16.6		µg/kg wet		20.0		83	70-130		
Trichlorofluoromethane (Freon 11)	14.8		µg/kg wet		20.0		74	56.8-140		
1,2,3-Trichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,2,4-Trimethylbenzene	18.6		µg/kg wet		20.0		93	70-130		
1,3,5-Trimethylbenzene	18.5		µg/kg wet		20.0		92	70-130		
Vinyl chloride	22.8		µg/kg wet		20.0		114	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062344 - SW846 5035A Soil (low level)										
LCS (7062344-BS1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
m,p-Xylene	36.2		µg/kg wet		40.0		90	70-130		
o-Xylene	18.6		µg/kg wet		20.0		93	70-130		
Tetrahydrofuran	19.1		µg/kg wet		20.0		96	70-130		
Ethyl ether	18.4		µg/kg wet		20.0		92	65.3-130		
Tert-amyl methyl ether	21.8		µg/kg wet		20.0		109	70-130		
Ethyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130		
Di-isopropyl ether	19.7		µg/kg wet		20.0		98	70-130		
Tert-Butanol / butyl alcohol	166		µg/kg wet		200		83	70-130		
1,4-Dioxane	213		µg/kg wet		200		106	34-155		
Surrogate: 4-Bromofluorobenzene	*47.8*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*47.9*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (7062344-BSD1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.4		µg/kg wet		20.0		97	70-130	3	25
Acetone	20.4		µg/kg wet		20.0		102	1.77-175	22	50
Acrylonitrile	23.5		µg/kg wet		20.0		118	70-130	3	25
Benzene	18.9		µg/kg wet		20.0		94	70-130	1	25
Bromobenzene	19.1		µg/kg wet		20.0		96	70-130	9	25
Bromochloromethane	17.7		µg/kg wet		20.0		88	70-130	1	25
Bromodichloromethane	17.2		µg/kg wet		20.0		86	70-130	9	25
Bromoform	18.9		µg/kg wet		20.0		94	70-130	16	25
Bromomethane	16.8		µg/kg wet		20.0		84	55.3-136	2	50
2-Butanone (MEK)	16.7		µg/kg wet		20.0		84	38.8-142	13	50
n-Butylbenzene	22.0		µg/kg wet		20.0		110	70-130	15	25
sec-Butylbenzene	19.5		µg/kg wet		20.0		98	70-130	2	25
tert-Butylbenzene	18.4		µg/kg wet		20.0		92	70-130	2	25
Carbon disulfide	19.4		µg/kg wet		20.0		97	70-130	2	25
Carbon tetrachloride	15.2		µg/kg wet		20.0		76	70-130	8	25
Chlorobenzene	19.2		µg/kg wet		20.0		96	70-130	5	25
Chloroethane	19.7		µg/kg wet		20.0		98	55.3-130	4	50
Chloroform	17.0		µg/kg wet		20.0		85	70-130	5	25
Chloromethane	20.1		µg/kg wet		20.0		100	70-130	10	25
2-Chlorotoluene	20.4		µg/kg wet		20.0		102	70-130	4	25
4-Chlorotoluene	19.7		µg/kg wet		20.0		98	70-130	2	25
1,2-Dibromo-3-chloropropane	19.4		µg/kg wet		20.0		97	70-130	7	25
Dibromochloromethane	17.4		µg/kg wet		20.0		87	64.7-139	4	50
1,2-Dibromoethane (EDB)	17.1		µg/kg wet		20.0		86	70-130	0	25
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130	4	25
1,2-Dichlorobenzene	18.9		µg/kg wet		20.0		94	70-130	4	25
1,3-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	9	25
1,4-Dichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	0	25
Dichlorodifluoromethane (Freon12)	17.0		µg/kg wet		20.0		85	34.4-167	8	50
1,1-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	9	25
1,2-Dichloroethane	17.1		µg/kg wet		20.0		86	70-130	1	25
1,1-Dichloroethene	16.4		µg/kg wet		20.0		82	70-130	2	25
cis-1,2-Dichloroethene	18.2		µg/kg wet		20.0		91	70-130	1	25
trans-1,2-Dichloroethene	18.8		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichloropropane	18.1		µg/kg wet		20.0		90	70-130	10	25
1,3-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062344 - SW846 5035A Soil (low level)										
LCS Dup (7062344-BSD1)										
Prepared: 29-Jun-07 Analyzed: 30-Jun-07										
2,2-Dichloropropane	17.3		µg/kg wet		20.0		86	70-130	7	25
1,1-Dichloropropene	16.9		µg/kg wet		20.0		84	70-130	10	25
cis-1,3-Dichloropropene	19.7		µg/kg wet		20.0		98	70-130	1	25
trans-1,3-Dichloropropene	19.5		µg/kg wet		20.0		98	70-130	0	25
Ethylbenzene	19.4		µg/kg wet		20.0		97	70-130	2	25
Hexachlorobutadiene	15.4		µg/kg wet		20.0		77	60.7-140	8	50
2-Hexanone (MBK)	21.9		µg/kg wet		20.0		110	70-130	2	25
Isopropylbenzene	18.4		µg/kg wet		20.0		92	70-130	4	25
4-Isopropyltoluene	21.3		µg/kg wet		20.0		106	70-130	3	25
Methyl tert-butyl ether	17.3		µg/kg wet		20.0		86	70-130	0	25
4-Methyl-2-pentanone (MIBK)	16.6		µg/kg wet		20.0		83	46.1-145	20	50
Methylene chloride	17.8		µg/kg wet		20.0		89	70-130	5	25
Naphthalene	18.2		µg/kg wet		20.0		91	70-130	11	25
n-Propylbenzene	19.8		µg/kg wet		20.0		99	70-130	1	25
Styrene	19.6		µg/kg wet		20.0		98	70-130	7	25
1,1,1,2-Tetrachloroethane	18.0		µg/kg wet		20.0		90	70-130	3	25
1,1,2,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130	1	25
Tetrachloroethene	17.2		µg/kg wet		20.0		86	70-130	12	25
Toluene	17.3		µg/kg wet		20.0		86	70-130	2	25
1,2,3-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	5	25
1,2,4-Trichlorobenzene	17.5		µg/kg wet		20.0		88	70-130	15	25
1,1,1-Trichloroethane	16.1		µg/kg wet		20.0		80	70-130	4	25
1,1,2-Trichloroethane	18.3		µg/kg wet		20.0		92	70-130	3	25
Trichloroethene	16.8		µg/kg wet		20.0		84	70-130	1	25
Trichlorofluoromethane (Freon 11)	14.5		µg/kg wet		20.0		72	56.8-140	3	50
1,2,3-Trichloropropane	18.8		µg/kg wet		20.0		94	70-130	3	25
1,2,4-Trimethylbenzene	19.4		µg/kg wet		20.0		97	70-130	4	25
1,3,5-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130	2	25
Vinyl chloride	20.9		µg/kg wet		20.0		104	70-130	9	25
m,p-Xylene	37.6		µg/kg wet		40.0		94	70-130	4	25
o-Xylene	20.4		µg/kg wet		20.0		102	70-130	9	25
Tetrahydrofuran	19.5		µg/kg wet		20.0		98	70-130	2	25
Ethyl ether	19.1		µg/kg wet		20.0		96	65.3-130	4	50
Tert-amyl methyl ether	20.8		µg/kg wet		20.0		104	70-130	5	25
Ethyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130	0	25
Di-isopropyl ether	18.9		µg/kg wet		20.0		94	70-130	4	25
Tert-Butanol / butyl alcohol	163		µg/kg wet		200		82	70-130	1	25
1,4-Dioxane	183		µg/kg wet		200		92	34-155	14	25
Surrogate: 4-Bromofluorobenzene	*48.5*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.2*		µg/kg wet		*50.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*46.0*		µg/kg wet		*50.0*		*92*	*70-130*		
Batch 7070073 - SW846 5035A Soil (low level)										
Blank (7070073-BLK1)										
Prepared & Analyzed: 02-Jul-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7070073 - SW846 5035A Soil (low level)										
Blank (7070073-BLK1)										
Prepared & Analyzed: 02-Jul-07										
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	25.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	50.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7070073 - SW846 5035A Soil (low level)										
Blank (7070073-BLK1)										
Prepared & Analyzed: 02-Jul-07										
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	50.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*48.4*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*46.3*		µg/kg wet		*50.0*		*93*	*70-130*		
LCS (7070073-BS1)										
Prepared & Analyzed: 02-Jul-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.3		µg/kg wet		20.0		106	70-130		
Acetone	14.7		µg/kg wet		20.0		74	0-177		
Acrylonitrile	22.0		µg/kg wet		20.0		110	70-130		
Benzene	20.3		µg/kg wet		20.0		102	70-130		
Bromobenzene	17.8		µg/kg wet		20.0		89	70-130		
Bromochloromethane	17.0		µg/kg wet		20.0		85	70-130		
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130		
Bromoform	16.5		µg/kg wet		20.0		82	70-130		
Bromomethane	18.0		µg/kg wet		20.0		90	61.3-136		
2-Butanone (MEK)	19.3		µg/kg wet		20.0		96	20.6-137		
n-Butylbenzene	27.9	QC2	µg/kg wet		20.0		140	70-130		
sec-Butylbenzene	21.5		µg/kg wet		20.0		108	70-130		
tert-Butylbenzene	19.9		µg/kg wet		20.0		100	70-130		
Carbon disulfide	21.4		µg/kg wet		20.0		107	70-130		
Carbon tetrachloride	16.9		µg/kg wet		20.0		84	70-130		
Chlorobenzene	19.4		µg/kg wet		20.0		97	70-130		
Chloroethane	20.6		µg/kg wet		20.0		103	64.6-134		
Chloroform	18.5		µg/kg wet		20.0		92	70-130		
Chloromethane	24.7		µg/kg wet		20.0		124	70-130		
2-Chlorotoluene	21.8		µg/kg wet		20.0		109	70-130		
4-Chlorotoluene	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dibromo-3-chloropropane	19.4		µg/kg wet		20.0		97	70-130		
Dibromochloromethane	17.2		µg/kg wet		20.0		86	70-137		
1,2-Dibromoethane (EDB)	17.4		µg/kg wet		20.0		87	70-130		
Dibromomethane	18.0		µg/kg wet		20.0		90	70-130		
1,2-Dichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,3-Dichlorobenzene	20.7		µg/kg wet		20.0		104	70-130		
1,4-Dichlorobenzene	20.8		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7070073 - SW846 5035A Soil (low level)										
LCS (7070073-BS1)										
Prepared & Analyzed: 02-Jul-07										
Dichlorodifluoromethane (Freon12)	21.5		µg/kg wet		20.0		108	29.9-190		
1,1-Dichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,2-Dichloroethane	17.1		µg/kg wet		20.0		86	70-130		
1,1-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130		
cis-1,2-Dichloroethene	19.1		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	20.4		µg/kg wet		20.0		102	70-130		
1,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130		
1,3-Dichloropropane	19.3		µg/kg wet		20.0		96	70-130		
2,2-Dichloropropane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloropropene	19.2		µg/kg wet		20.0		96	70-130		
cis-1,3-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,3-Dichloropropene	20.7		µg/kg wet		20.0		104	70-130		
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Hexachlorobutadiene	19.2		µg/kg wet		20.0		96	60.6-135		
2-Hexanone (MBK)	20.9		µg/kg wet		20.0		104	70-130		
Isopropylbenzene	19.7		µg/kg wet		20.0		98	70-130		
4-Isopropyltoluene	23.5		µg/kg wet		20.0		118	70-130		
Methyl tert-butyl ether	18.1		µg/kg wet		20.0		90	70-130		
4-Methyl-2-pentanone (MIBK)	16.0		µg/kg wet		20.0		80	46-139		
Methylene chloride	19.4		µg/kg wet		20.0		97	70-130		
Naphthalene	21.2		µg/kg wet		20.0		106	70-130		
n-Propylbenzene	21.3		µg/kg wet		20.0		106	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	17.4		µg/kg wet		20.0		87	70-130		
1,1,2,2-Tetrachloroethane	20.3		µg/kg wet		20.0		102	70-130		
Tetrachloroethene	17.8		µg/kg wet		20.0		89	70-130		
Toluene	19.1		µg/kg wet		20.0		96	70-130		
1,2,3-Trichlorobenzene	22.9		µg/kg wet		20.0		114	70-130		
1,2,4-Trichlorobenzene	22.3		µg/kg wet		20.0		112	70-130		
1,1,1-Trichloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,1,2-Trichloroethane	19.9		µg/kg wet		20.0		100	70-130		
Trichloroethene	18.7		µg/kg wet		20.0		94	70-130		
Trichlorofluoromethane (Freon 11)	16.7		µg/kg wet		20.0		84	56.6-150		
1,2,3-Trichloropropane	18.5		µg/kg wet		20.0		92	70-130		
1,2,4-Trimethylbenzene	20.4		µg/kg wet		20.0		102	70-130		
1,3,5-Trimethylbenzene	20.7		µg/kg wet		20.0		104	70-130		
Vinyl chloride	26.6	QC2	µg/kg wet		20.0		133	70-130		
m,p-Xylene	40.0		µg/kg wet		40.0		100	70-130		
o-Xylene	21.2		µg/kg wet		20.0		106	70-130		
Tetrahydrofuran	19.9		µg/kg wet		20.0		100	70-130		
Ethyl ether	19.6		µg/kg wet		20.0		98	64.1-136		
Tert-amyl methyl ether	18.8		µg/kg wet		20.0		94	70-130		
Ethyl tert-butyl ether	20.6		µg/kg wet		20.0		103	70-130		
Di-isopropyl ether	20.9		µg/kg wet		20.0		104	70-130		
Tert-Butanol / butyl alcohol	171		µg/kg wet		200		86	70-130		
1,4-Dioxane	193		µg/kg wet		200		96	34.8-156		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/kg wet		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.6*		µg/kg wet		*50.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*47.3*		µg/kg wet		*50.0*		*95*	*70-130*		
LCS Dup (7070073-BSD1)										

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7070073 - SW846 5035A Soil (low level)										
Prepared & Analyzed: 02-Jul-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	21.5		µg/kg wet		20.0		108	70-130	2	25
Acetone	15.7		µg/kg wet		20.0		78	0-177	5	50
Acrylonitrile	21.2		µg/kg wet		20.0		106	70-130	4	25
Benzene	20.9		µg/kg wet		20.0		104	70-130	2	25
Bromobenzene	18.9		µg/kg wet		20.0		94	70-130	5	25
Bromochloromethane	17.9		µg/kg wet		20.0		90	70-130	6	25
Bromodichloromethane	18.9		µg/kg wet		20.0		94	70-130	0	25
Bromoform	16.0		µg/kg wet		20.0		80	70-130	2	25
Bromomethane	18.9		µg/kg wet		20.0		94	61.3-136	4	50
2-Butanone (MEK)	17.9		µg/kg wet		20.0		90	20.6-137	6	50
n-Butylbenzene	28.6	QC2	µg/kg wet		20.0		143	70-130	2	25
sec-Butylbenzene	22.3		µg/kg wet		20.0		112	70-130	4	25
tert-Butylbenzene	20.6		µg/kg wet		20.0		103	70-130	3	25
Carbon disulfide	21.8		µg/kg wet		20.0		109	70-130	2	25
Carbon tetrachloride	16.4		µg/kg wet		20.0		82	70-130	2	25
Chlorobenzene	20.2		µg/kg wet		20.0		101	70-130	4	25
Chloroethane	21.5		µg/kg wet		20.0		108	64.6-134	5	50
Chloroform	18.6		µg/kg wet		20.0		93	70-130	1	25
Chloromethane	25.2		µg/kg wet		20.0		126	70-130	2	25
2-Chlorotoluene	22.3		µg/kg wet		20.0		112	70-130	3	25
4-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	0.9	25
1,2-Dibromo-3-chloropropane	18.7		µg/kg wet		20.0		94	70-130	3	25
Dibromochloromethane	16.8		µg/kg wet		20.0		84	70-137	2	50
1,2-Dibromoethane (EDB)	17.7		µg/kg wet		20.0		88	70-130	1	25
Dibromomethane	18.7		µg/kg wet		20.0		94	70-130	4	25
1,2-Dichlorobenzene	21.3		µg/kg wet		20.0		106	70-130	2	25
1,3-Dichlorobenzene	20.5		µg/kg wet		20.0		102	70-130	2	25
1,4-Dichlorobenzene	21.7		µg/kg wet		20.0		108	70-130	4	25
Dichlorodifluoromethane (Freon12)	21.5		µg/kg wet		20.0		108	29.9-190	0	50
1,1-Dichloroethane	21.8		µg/kg wet		20.0		109	70-130	5	25
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	3	25
1,1-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130	6	25
cis-1,2-Dichloroethene	19.3		µg/kg wet		20.0		96	70-130	0	25
trans-1,2-Dichloroethene	20.5		µg/kg wet		20.0		102	70-130	0	25
1,2-Dichloropropane	21.5		µg/kg wet		20.0		108	70-130	6	25
1,3-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	0	25
2,2-Dichloropropane	20.4		µg/kg wet		20.0		102	70-130	1	25
1,1-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	6	25
cis-1,3-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130	3	25
trans-1,3-Dichloropropene	20.1		µg/kg wet		20.0		100	70-130	4	25
Ethylbenzene	21.4		µg/kg wet		20.0		107	70-130	3	25
Hexachlorobutadiene	20.9		µg/kg wet		20.0		104	60.6-135	8	50
2-Hexanone (MBK)	19.6		µg/kg wet		20.0		98	70-130	6	25
Isopropylbenzene	19.8		µg/kg wet		20.0		99	70-130	1	25
4-Isopropyltoluene	25.0		µg/kg wet		20.0		125	70-130	6	25
Methyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	2	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/kg wet		20.0		85	46-139	6	50
Methylene chloride	18.9		µg/kg wet		20.0		94	70-130	3	25
Naphthalene	21.8		µg/kg wet		20.0		109	70-130	3	25
n-Propylbenzene	22.5		µg/kg wet		20.0		112	70-130	6	25
Styrene	21.1		µg/kg wet		20.0		106	70-130	5	25
1,1,1,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130	1	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7070073 - SW846 5035A Soil (low level)										
LCS Dup (7070073-BSD1)										
Prepared & Analyzed: 02-Jul-07										
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130	1	25
Tetrachloroethene	19.3		µg/kg wet		20.0		96	70-130	8	25
Toluene	19.1		µg/kg wet		20.0		96	70-130	0	25
1,2,3-Trichlorobenzene	23.5		µg/kg wet		20.0		118	70-130	3	25
1,2,4-Trichlorobenzene	24.1		µg/kg wet		20.0		120	70-130	7	25
1,1,1-Trichloroethane	17.7		µg/kg wet		20.0		88	70-130	0	25
1,1,2-Trichloroethane	18.8		µg/kg wet		20.0		94	70-130	6	25
Trichloroethene	19.2		µg/kg wet		20.0		96	70-130	2	25
Trichlorofluoromethane (Freon 11)	16.6		µg/kg wet		20.0		83	56.6-150	1	50
1,2,3-Trichloropropane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130	3	25
1,3,5-Trimethylbenzene	20.9		µg/kg wet		20.0		104	70-130	0	25
Vinyl chloride	26.9	QC2	µg/kg wet		20.0		134	70-130	0.7	25
m,p-Xylene	40.8		µg/kg wet		40.0		102	70-130	2	25
o-Xylene	21.5		µg/kg wet		20.0		108	70-130	2	25
Tetrahydrofuran	20.8		µg/kg wet		20.0		104	70-130	4	25
Ethyl ether	19.4		µg/kg wet		20.0		97	64.1-136	1	50
Tert-amyl methyl ether	21.6		µg/kg wet		20.0		108	70-130	14	25
Ethyl tert-butyl ether	20.7		µg/kg wet		20.0		104	70-130	1	25
Di-isopropyl ether	22.0		µg/kg wet		20.0		110	70-130	6	25
Tert-Butanol / butyl alcohol	182		µg/kg wet		200		91	70-130	6	25
1,4-Dioxane	105	QC1	µg/kg wet		200		52	34.8-156	59	25
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/kg wet		*50.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*47.1*		µg/kg wet		*50.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*45.0*		µg/kg wet		*50.0*		*90*	*70-130*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062065 - SW846 3550B										
Blank (7062065-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.12*		mg/kg wet		*3.33*		*64*	*40-140*		
LCS (7062065-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
C9-C36 Aliphatic Hydrocarbons	77.2		mg/kg wet	13.3	93.3		83	60-120		
Surrogate: 1-Chlorooctadecane	*2.72*		mg/kg wet		*3.33*		*82*	*60-120*		
Duplicate (7062065-DUP1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Gasoline	BRL		mg/kg dry	34.5		BRL				50
Fuel Oil #2	BRL		mg/kg dry	34.5		BRL				50
Fuel Oil #4	BRL		mg/kg dry	34.5		BRL				50
Fuel Oil #6	BRL		mg/kg dry	34.5		BRL				50
Motor Oil	BRL		mg/kg dry	34.5		BRL				50
Aviation Fuel	BRL		mg/kg dry	34.5		BRL				50
Unidentified	BRL		mg/kg dry	34.5		BRL				50
Other Oil	BRL		mg/kg dry	34.5		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.5		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.5		BRL				50
Surrogate: 1-Chlorooctadecane	*2.43*		mg/kg dry		*4.33*		*56*	*40-140*		
Matrix Spike (7062065-MS1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
C9-C36 Aliphatic Hydrocarbons	99.4		mg/kg dry	17.3	122	BRL	81	50-150		
Surrogate: 1-Chlorooctadecane	*3.10*		mg/kg dry		*4.34*		*71*	*40-140*		
Matrix Spike Dup (7062065-MSD1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
C9-C36 Aliphatic Hydrocarbons	92.7		mg/kg dry	17.4	122	BRL	76	50-150	6	30
Surrogate: 1-Chlorooctadecane	*3.16*		mg/kg dry		*4.35*		*73*	*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 7062061 - SW846 3545A										
Blank (7062061-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	BRL		µg/kg wet	28.6						
PCB 1221	BRL		µg/kg wet	28.6						
PCB 1232	BRL		µg/kg wet	28.6						
PCB 1242	BRL		µg/kg wet	28.6						
PCB 1248	BRL		µg/kg wet	28.6						
PCB 1254	BRL		µg/kg wet	28.6						
PCB 1260	BRL		µg/kg wet	28.6						
PCB 1262	BRL		µg/kg wet	28.6						
PCB 1268	BRL		µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.0*		µg/kg wet		*28.6*		*70*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.4*		µg/kg wet		*28.6*		*75*	*30-150*		
LCS (7062061-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	383		µg/kg wet	28.6	357		107	40-140		
PCB 1260	357		µg/kg wet	28.6	357		100	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
LCS Dup (7062061-BSD1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	397		µg/kg wet	28.6	357		111	40-140	4	30
PCB 1260	369		µg/kg wet	28.6	357		103	40-140	3	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*27.1*		µg/kg wet		*28.6*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*25.7*		µg/kg wet		*28.6*		*90*	*30-150*		
Duplicate (7062061-DUP1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	BRL		µg/kg dry	36.2		BRL				40
PCB 1221	BRL		µg/kg dry	36.2		BRL				40
PCB 1232	BRL		µg/kg dry	36.2		BRL				40
PCB 1242	BRL		µg/kg dry	36.2		BRL				40
PCB 1248	BRL		µg/kg dry	36.2		BRL				40
PCB 1254	BRL		µg/kg dry	36.2		BRL				40
PCB 1260	BRL		µg/kg dry	36.2		BRL				40
PCB 1262	BRL		µg/kg dry	36.2		BRL				40
PCB 1268	BRL		µg/kg dry	36.2		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*12.6*		µg/kg dry		*36.1*		*35*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.7*		µg/kg dry		*36.1*		*60*	*30-150*		
Matrix Spike (7062061-MS1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	348		µg/kg dry	36.8	460	BRL	76	40-140		
PCB 1260	327		µg/kg dry	36.8	460	BRL	71	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.4*		µg/kg dry		*36.8*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*29.4*		µg/kg dry		*36.8*		*80*	*30-150*		
Matrix Spike Dup (7062061-MSD1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
PCB 1016	321		µg/kg dry	37.3	466	BRL	69	40-140	10	50
PCB 1260	324		µg/kg dry	37.3	466	BRL	70	40-140	1	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*18.6*		µg/kg dry		*37.3*		*50*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*26.1*		µg/kg dry		*37.3*		*70*	*30-150*		
Batch 7062062 - SW846 3550B										

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062062 - SW846 3550B										
Blank (7062062-BLK1)										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	BRL		µg/kg wet	14.3						
a-BHC	BRL		µg/kg wet	14.3						
b-BHC	BRL		µg/kg wet	14.3						
d-BHC	BRL		µg/kg wet	14.3						
g-BHC (Lindane)	BRL		µg/kg wet	14.3						
Chlordane	BRL		µg/kg wet	71.5						
4,4'-DDD (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDE (p,p')	BRL		µg/kg wet	14.3						
4,4'-DDT (p,p')	BRL		µg/kg wet	14.3						
Dieldrin	BRL		µg/kg wet	14.3						
Endosulfan I	BRL		µg/kg wet	14.3						
Endosulfan II	BRL		µg/kg wet	14.3						
Endosulfan Sulfate	BRL		µg/kg wet	14.3						
Endrin	BRL		µg/kg wet	14.3						
Endrin Aldehyde	BRL		µg/kg wet	14.3						
Heptachlor	BRL		µg/kg wet	14.3						
Methoxychlor	BRL		µg/kg wet	14.3						
Heptachlor Epoxide	BRL		µg/kg wet	14.3						
Toxaphene	BRL		µg/kg wet	71.5						
a-Chlordane	BRL		µg/kg wet	14.3						
g-Chlordane	BRL		µg/kg wet	14.3						
Endrin Ketone	BRL		µg/kg wet	14.3						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*16.9*		µg/kg wet		*28.6*		*59*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.7*		µg/kg wet		*28.6*		*111*	*30-150*		
LCS (7062062-BS1)										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	27.0		µg/kg wet	14.3	28.6		94	40-140		
a-BHC	26.0		µg/kg wet	14.3	28.6		91	40-140		
b-BHC	23.5		µg/kg wet	14.3	28.6		82	40-140		
d-BHC	23.5		µg/kg wet	14.3	28.6		82	40-140		
g-BHC (Lindane)	25.3		µg/kg wet	14.3	28.6		88	40-140		
4,4'-DDD (p,p')	26.8		µg/kg wet	14.3	28.6		94	40-140		
4,4'-DDE (p,p')	26.5		µg/kg wet	14.3	28.6		93	40-140		
4,4'-DDT (p,p')	25.8		µg/kg wet	14.3	28.6		90	40-140		
Dieldrin	26.4		µg/kg wet	14.3	28.6		92	40-140		
Endosulfan I	28.2		µg/kg wet	14.3	28.6		99	40-140		
Endosulfan II	28.9		µg/kg wet	14.3	28.6		101	40-140		
Endosulfan Sulfate	30.3		µg/kg wet	14.3	28.6		106	40-140		
Endrin	28.3		µg/kg wet	14.3	28.6		99	40-140		
Endrin Aldehyde	29.5		µg/kg wet	14.3	28.6		103	40-140		
Heptachlor	27.1		µg/kg wet	14.3	28.6		95	40-140		
Methoxychlor	31.3		µg/kg wet	14.3	28.6		109	40-140		
Heptachlor Epoxide	27.8		µg/kg wet	14.3	28.6		97	40-140		
a-Chlordane	28.0		µg/kg wet	14.3	28.6		98	40-140		
g-Chlordane	26.6		µg/kg wet	14.3	28.6		93	40-140		
Endrin Ketone	31.4		µg/kg wet	14.3	28.6		110	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.9*		µg/kg wet		*28.6*		*56*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*31.2*		µg/kg wet		*28.6*		*109*	*30-150*		
LCS Dup (7062062-BSD1)										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	26.7		µg/kg wet	14.3	28.6		93	40-140	1	30

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062062 - SW846 3550B										
LCS Dup (7062062-BSD1)										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
a-BHC	25.9		µg/kg wet	14.3	28.6		91	40-140	0	30
b-BHC	22.2		µg/kg wet	14.3	28.6		78	40-140	5	30
d-BHC	23.3		µg/kg wet	14.3	28.6		81	40-140	1	30
g-BHC (Lindane)	24.3		µg/kg wet	14.3	28.6		85	40-140	3	30
4,4'-DDD (p,p')	29.3		µg/kg wet	14.3	28.6		102	40-140	8	30
4,4'-DDE (p,p')	27.2		µg/kg wet	14.3	28.6		95	40-140	2	30
4,4'-DDT (p,p')	28.0		µg/kg wet	14.3	28.6		98	40-140	9	30
Dieldrin	26.6		µg/kg wet	14.3	28.6		93	40-140	1	30
Endosulfan I	28.7		µg/kg wet	14.3	28.6		100	40-140	1	30
Endosulfan II	30.3		µg/kg wet	14.3	28.6		106	40-140	5	30
Endosulfan Sulfate	30.5		µg/kg wet	14.3	28.6		107	40-140	0.9	30
Endrin	28.5		µg/kg wet	14.3	28.6		100	40-140	1	30
Endrin Aldehyde	30.7		µg/kg wet	14.3	28.6		107	40-140	4	30
Heptachlor	26.7		µg/kg wet	14.3	28.6		93	40-140	2	30
Methoxychlor	29.0		µg/kg wet	14.3	28.6		101	40-140	8	30
Heptachlor Epoxide	27.5		µg/kg wet	14.3	28.6		96	40-140	1	30
a-Chlordane	28.3		µg/kg wet	14.3	28.6		99	40-140	1	30
g-Chlordane	27.4		µg/kg wet	14.3	28.6		96	40-140	3	30
Endrin Ketone	31.5		µg/kg wet	14.3	28.6		110	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*15.8*		µg/kg wet		*28.6*		*55*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*30.6*		µg/kg wet		*28.6*		*107*	*30-150*		
Duplicate (7062062-DUP1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	BRL		µg/kg dry	18.3		BRL				30
a-BHC	BRL		µg/kg dry	18.3		BRL				30
b-BHC	BRL		µg/kg dry	18.3		BRL				30
d-BHC	BRL		µg/kg dry	18.3		BRL				30
g-BHC (Lindane)	BRL		µg/kg dry	18.3		BRL				30
Chlordane	BRL		µg/kg dry	91.5		BRL				30
4,4'-DDD (p,p')	0.439	J,QM4	µg/kg dry	18.3		1.15			89	30
4,4'-DDE (p,p')	1.47	J,QM4	µg/kg dry	18.3		5.03			110	30
4,4'-DDT (p,p')	1.79	J,QM4	µg/kg dry	18.3		5.09			96	30
Dieldrin	0.947	J	µg/kg dry	6.99		0.840			12	30
Endosulfan I	BRL		µg/kg dry	18.3		BRL				30
Endosulfan II	BRL		µg/kg dry	18.3		BRL				30
Endosulfan Sulfate	BRL		µg/kg dry	18.3		BRL				30
Endrin	BRL		µg/kg dry	18.3		BRL				30
Endrin Aldehyde	BRL		µg/kg dry	18.3		BRL				30
Heptachlor	BRL		µg/kg dry	18.3		BRL				30
Methoxychlor	BRL		µg/kg dry	18.3		BRL				30
Heptachlor Epoxide	BRL		µg/kg dry	18.3		BRL				30
Toxaphene	BRL		µg/kg dry	91.5		BRL				30
a-Chlordane	1.47	J,QM4	µg/kg dry	18.3		2.94			67	30
g-Chlordane	0.874	J,QM4	µg/kg dry	18.3		1.38			45	30
Endrin Ketone	BRL		µg/kg dry	18.3		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*11.5*		µg/kg dry		*36.6*		*31*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.6*		µg/kg dry		*36.6*		*56*	*30-150*		
Matrix Spike (7062062-MS1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	38.0		µg/kg dry	19.1	38.1	BRL	100	30-150		
a-BHC	40.6		µg/kg dry	19.1	38.1	BRL	107	30-150		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062062 - SW846 3550B										
Matrix Spike (7062062-MS1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
b-BHC	36.0		µg/kg dry	19.1	38.1	BRL	94	30-150		
d-BHC	36.6		µg/kg dry	19.1	38.1	BRL	96	30-150		
g-BHC (Lindane)	38.6		µg/kg dry	19.1	38.1	BRL	101	30-150		
4,4'-DDD (p,p')	43.1		µg/kg dry	19.1	38.1	1.15	110	30-150		
4,4'-DDE (p,p')	46.0		µg/kg dry	19.1	38.1	5.03	108	30-150		
4,4'-DDT (p,p')	51.6		µg/kg dry	19.1	38.1	5.09	122	30-150		
Dieldrin	41.0		µg/kg dry	19.1	38.1	0.840	105	30-150		
Endosulfan I	40.6		µg/kg dry	19.1	38.1	BRL	107	30-150		
Endosulfan II	41.1		µg/kg dry	19.1	38.1	BRL	108	30-150		
Endosulfan Sulfate	42.2		µg/kg dry	19.1	38.1	BRL	111	30-150		
Endrin	45.0		µg/kg dry	19.1	38.1	BRL	118	30-150		
Endrin Aldehyde	34.8		µg/kg dry	19.1	38.1	BRL	91	30-150		
Heptachlor	43.2		µg/kg dry	19.1	38.1	BRL	113	30-150		
Methoxychlor	48.5		µg/kg dry	19.1	38.1	BRL	127	30-150		
Heptachlor Epoxide	39.2		µg/kg dry	19.1	38.1	BRL	103	30-150		
a-Chlordane	43.9		µg/kg dry	19.1	38.1	2.94	108	30-150		
g-Chlordane	35.4		µg/kg dry	19.1	38.1	1.38	89	30-150		
Endrin Ketone	39.9		µg/kg dry	19.1	38.1	BRL	105	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*23.7*		µg/kg dry		*38.1*		*62*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*43.1*		µg/kg dry		*38.1*		*113*	*30-150*		
Matrix Spike Dup (7062062-MSD1) **Source: SA64109-06**										
Prepared: 27-Jun-07 Analyzed: 29-Jun-07										
Aldrin	30.6		µg/kg dry	18.9	37.8	BRL	81	30-150	21	30
a-BHC	31.5		µg/kg dry	18.9	37.8	BRL	83	30-150	25	30
b-BHC	28.0		µg/kg dry	18.9	37.8	BRL	74	30-150	24	30
d-BHC	27.7		µg/kg dry	18.9	37.8	BRL	73	30-150	27	30
g-BHC (Lindane)	30.5		µg/kg dry	18.9	37.8	BRL	81	30-150	22	30
4,4'-DDD (p,p')	32.6		µg/kg dry	18.9	37.8	1.15	83	30-150	28	30
4,4'-DDE (p,p')	35.3		µg/kg dry	18.9	37.8	5.03	80	30-150	30	30
4,4'-DDT (p,p')	42.1		µg/kg dry	18.9	37.8	5.09	98	30-150	22	30
Dieldrin	31.5		µg/kg dry	18.9	37.8	0.840	81	30-150	26	30
Endosulfan I	32.8		µg/kg dry	18.9	37.8	BRL	87	30-150	21	30
Endosulfan II	33.6		µg/kg dry	18.9	37.8	BRL	89	30-150	19	30
Endosulfan Sulfate	31.7		µg/kg dry	18.9	37.8	BRL	84	30-150	28	30
Endrin	34.6		µg/kg dry	18.9	37.8	BRL	92	30-150	25	30
Endrin Aldehyde	28.7		µg/kg dry	18.9	37.8	BRL	76	30-150	18	30
Heptachlor	33.1		µg/kg dry	18.9	37.8	BRL	88	30-150	25	30
Methoxychlor	51.7		µg/kg dry	18.9	37.8	BRL	137	30-150	8	30
Heptachlor Epoxide	35.4		µg/kg dry	18.9	37.8	BRL	94	30-150	9	30
a-Chlordane	37.2		µg/kg dry	18.9	37.8	2.94	91	30-150	17	50
g-Chlordane	32.6		µg/kg dry	18.9	37.8	1.38	83	30-150	7	50
Endrin Ketone	36.6		µg/kg dry	18.9	37.8	BRL	97	30-150	8	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.2*		µg/kg dry		*37.8*		*56*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*38.2*		µg/kg dry		*37.8*		*101*	*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 7062059 - SW846 3545A										
Blank (7062059-BLK1)										
Prepared & Analyzed: 27-Jun-07										
Acenaphthene	BRL		µg/kg wet	165						
Acenaphthylene	BRL		µg/kg wet	165						
Aniline	BRL		µg/kg wet	165						
Anthracene	BRL		µg/kg wet	165						
Atrazine	BRL		µg/kg wet	165						
Azobenzene/Diphenyldiazine	BRL		µg/kg wet	165						
Benzidine	BRL		µg/kg wet	165						
Benzo (a) anthracene	BRL		µg/kg wet	165						
Benzo (a) pyrene	BRL		µg/kg wet	165						
Benzo (b) fluoranthene	BRL		µg/kg wet	165						
Benzo (g,h,i) perylene	BRL		µg/kg wet	165						
Benzo (k) fluoranthene	BRL		µg/kg wet	165						
Benzoic acid	BRL		µg/kg wet	165						
Benzyl alcohol	BRL		µg/kg wet	165						
Bis(2-chloroethoxy)methane	BRL		µg/kg wet	165						
Bis(2-chloroethyl)ether	BRL		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	BRL		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	BRL		µg/kg wet	165						
4-Bromophenyl phenyl ether	BRL		µg/kg wet	165						
Butyl benzyl phthalate	BRL		µg/kg wet	165						
Carbazole	BRL		µg/kg wet	165						
4-Chloro-3-methylphenol	BRL		µg/kg wet	165						
4-Chloroaniline	BRL		µg/kg wet	165						
2-Chloronaphthalene	BRL		µg/kg wet	165						
2-Chlorophenol	BRL		µg/kg wet	165						
4-Chlorophenyl phenyl ether	BRL		µg/kg wet	165						
Chrysene	BRL		µg/kg wet	165						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	165						
Dibenzofuran	BRL		µg/kg wet	165						
1,2-Dichlorobenzene	BRL		µg/kg wet	165						
1,3-Dichlorobenzene	BRL		µg/kg wet	165						
1,4-Dichlorobenzene	BRL		µg/kg wet	165						
3,3'-Dichlorobenzidine	BRL		µg/kg wet	165						
2,4-Dichlorophenol	BRL		µg/kg wet	165						
Diethyl phthalate	BRL		µg/kg wet	165						
Dimethyl phthalate	BRL		µg/kg wet	165						
2,4-Dimethylphenol	BRL		µg/kg wet	165						
Di-n-butyl phthalate	BRL		µg/kg wet	165						
4,6-Dinitro-2-methylphenol	BRL		µg/kg wet	165						
2,4-Dinitrophenol	BRL		µg/kg wet	165						
2,4-Dinitrotoluene	BRL		µg/kg wet	165						
2,6-Dinitrotoluene	BRL		µg/kg wet	165						
Di-n-octyl phthalate	BRL		µg/kg wet	165						
Fluoranthene	BRL		µg/kg wet	165						
Fluorene	BRL		µg/kg wet	165						
Hexachlorobenzene	BRL		µg/kg wet	165						
Hexachlorobutadiene	BRL		µg/kg wet	165						
Hexachlorocyclopentadiene	BRL		µg/kg wet	165						
Hexachloroethane	BRL		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	165						
1-Methylnaphthalene	BRL		µg/kg wet	165						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062059 - SW846 3545A										
Blank (7062059-BLK1)										
Prepared & Analyzed: 27-Jun-07										
Isophorone	BRL		µg/kg wet	165						
2-Methylnaphthalene	BRL		µg/kg wet	165						
2-Methylphenol	BRL		µg/kg wet	165						
3,4-Methylphenol	BRL		µg/kg wet	165						
Naphthalene	BRL		µg/kg wet	165						
2-Nitroaniline	BRL		µg/kg wet	165						
3-Nitroaniline	BRL		µg/kg wet	165						
4-Nitroaniline	BRL		µg/kg wet	165						
Nitrobenzene	BRL		µg/kg wet	660						
2-Nitrophenol	BRL		µg/kg wet	165						
4-Nitrophenol	BRL		µg/kg wet	165						
N-Nitrosodimethylamine	BRL		µg/kg wet	660						
N-Nitrosodi-n-propylamine	BRL		µg/kg wet	165						
N-Nitrosodiphenylamine	BRL		µg/kg wet	165						
Pentachlorophenol	BRL		µg/kg wet	165						
Phenanthrene	BRL		µg/kg wet	165						
Phenol	BRL		µg/kg wet	165						
Pyrene	BRL		µg/kg wet	165						
Pyridine	BRL		µg/kg wet	165						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	165						
2,4,5-Trichlorophenol	BRL		µg/kg wet	165						
2,4,6-Trichlorophenol	BRL		µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*2050*		µg/kg wet		*3330*		*62*	*30-130*		
Surrogate: 2-Fluorophenol	*1980*		µg/kg wet		*3330*		*59*	*15-110*		
Surrogate: Nitrobenzene-d5	*1860*		µg/kg wet		*3330*		*56*	*30-130*		
Surrogate: Phenol-d5	*2060*		µg/kg wet		*3330*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*2420*		µg/kg wet		*3330*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1930*		µg/kg wet		*3330*		*58*	*15-110*		
LCS (7062059-BS1)										
Prepared & Analyzed: 27-Jun-07										
Acenaphthene	2080		µg/kg wet	165	3330		62	40-130		
Acenaphthylene	2350		µg/kg wet	165	3330		71	40-130		
Aniline	3070		µg/kg wet	165	3330		92	40-130		
Anthracene	2220		µg/kg wet	165	3330		67	40-130		
Atrazine	7550	QC2	µg/kg wet	165	3330		227	40-130		
Azobenzene/Diphenyldiazine	1710		µg/kg wet	165	3330		51	40-130		
Benzidine	2660		µg/kg wet	165	3330		80	0-130		
Benzo (a) anthracene	1920		µg/kg wet	165	3330		58	40-130		
Benzo (a) pyrene	2170		µg/kg wet	165	3330		65	40-130		
Benzo (b) fluoranthene	1810		µg/kg wet	165	3330		54	40-130		
Benzo (g,h,i) perylene	1760		µg/kg wet	165	3330		53	40-130		
Benzo (k) fluoranthene	2580		µg/kg wet	165	3330		77	40-130		
Benzoic acid	1110		µg/kg wet	165	3330		33	6.16-130		
Benzyl alcohol	1600		µg/kg wet	165	3330		48	40-130		
Bis(2-chloroethoxy)methane	1530		µg/kg wet	165	3330		46	40-130		
Bis(2-chloroethyl)ether	2720		µg/kg wet	165	3330		82	40-130		
Bis(2-chloroisopropyl)ether	2250		µg/kg wet	165	3330		68	40-130		
Bis(2-ethylhexyl)phthalate	1950		µg/kg wet	165	3330		59	40-130		
4-Bromophenyl phenyl ether	2020		µg/kg wet	165	3330		61	40-130		
Butyl benzyl phthalate	1970		µg/kg wet	165	3330		59	40-130		
Carbazole	5700	QC2	µg/kg wet	165	3330		171	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 7062059 - SW846 3545A										
LCS (7062059-BS1)										
Prepared & Analyzed: 27-Jun-07										
4-Chloro-3-methylphenol	1600		µg/kg wet	165	3330		48	40-130		
4-Chloroaniline	2440		µg/kg wet	165	3330		73	40-130		
2-Chloronaphthalene	2050		µg/kg wet	165	3330		62	40-130		
2-Chlorophenol	1870		µg/kg wet	165	3330		56	40-130		
4-Chlorophenyl phenyl ether	2350		µg/kg wet	165	3330		71	40-130		
Chrysene	2160		µg/kg wet	165	3330		65	40-130		
Dibenzo (a,h) anthracene	1950		µg/kg wet	165	3330		59	40-130		
Dibenzofuran	2240		µg/kg wet	165	3330		67	40-130		
1,2-Dichlorobenzene	2290		µg/kg wet	165	3330		69	40-130		
1,3-Dichlorobenzene	1560		µg/kg wet	165	3330		47	40-130		
1,4-Dichlorobenzene	1940		µg/kg wet	165	3330		58	40-130		
3,3'-Dichlorobenzidine	2750		µg/kg wet	165	3330		83	40-130		
2,4-Dichlorophenol	1630		µg/kg wet	165	3330		49	40-130		
Diethyl phthalate	1990		µg/kg wet	165	3330		60	40-130		
Dimethyl phthalate	2090		µg/kg wet	165	3330		63	40-130		
2,4-Dimethylphenol	1650		µg/kg wet	165	3330		50	40-130		
Di-n-butyl phthalate	1840		µg/kg wet	165	3330		55	40-130		
4,6-Dinitro-2-methylphenol	1130	QC2	µg/kg wet	165	3330		34	40-130		
2,4-Dinitrophenol	1360		µg/kg wet	165	3330		41	40-130		
2,4-Dinitrotoluene	2470		µg/kg wet	165	3330		74	40-130		
2,6-Dinitrotoluene	2610		µg/kg wet	165	3330		78	40-130		
Di-n-octyl phthalate	2160		µg/kg wet	165	3330		65	40-130		
Fluoranthene	2080		µg/kg wet	165	3330		62	40-130		
Fluorene	2330		µg/kg wet	165	3330		70	40-130		
Hexachlorobenzene	2250		µg/kg wet	165	3330		68	40-130		
Hexachlorobutadiene	1790		µg/kg wet	165	3330		54	40-130		
Hexachlorocyclopentadiene	229	QC2	µg/kg wet	165	3330		7	40-130		
Hexachloroethane	2020		µg/kg wet	165	3330		61	40-130		
Indeno (1,2,3-cd) pyrene	1910		µg/kg wet	165	3330		57	40-130		
1-Methylnaphthalene	2280		µg/kg wet	165	3330		68	40-140		
Isophorone	1740		µg/kg wet	165	3330		52	40-130		
2-Methylnaphthalene	2000		µg/kg wet	165	3330		60	40-130		
2-Methylphenol	1970		µg/kg wet	165	3330		59	40-130		
3,4-Methylphenol	1830		µg/kg wet	165	3330		55	40-130		
Naphthalene	1750		µg/kg wet	165	3330		53	40-130		
2-Nitroaniline	2400		µg/kg wet	165	3330		72	40-130		
3-Nitroaniline	1930		µg/kg wet	165	3330		58	40-130		
4-Nitroaniline	3190		µg/kg wet	660	3330		96	40-130		
Nitrobenzene	1670		µg/kg wet	165	3330		50	40-130		
2-Nitrophenol	1480		µg/kg wet	165	3330		44	40-130		
4-Nitrophenol	1080	QC2	µg/kg wet	660	3330		32	40-130		
N-Nitrosodimethylamine	2050		µg/kg wet	165	3330		62	40-130		
N-Nitrosodi-n-propylamine	2060		µg/kg wet	165	3330		62	40-130		
N-Nitrosodiphenylamine	2730		µg/kg wet	165	3330		82	40-130		
Pentachlorophenol	1490		µg/kg wet	165	3330		45	40-130		
Phenanthrene	2040		µg/kg wet	165	3330		61	40-130		
Phenol	1950		µg/kg wet	165	3330		59	40-130		
Pyrene	2250		µg/kg wet	165	3330		68	40-130		
Pyridine	1700		µg/kg wet	165	3330		51	40-130		
1,2,4-Trichlorobenzene	1820		µg/kg wet	165	3330		55	40-130		
2,4,5-Trichlorophenol	2160		µg/kg wet	165	3330		65	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062059 - SW846 3545A										
LCS (7062059-BS1)										
Prepared & Analyzed: 27-Jun-07										
2,4,6-Trichlorophenol	1680		µg/kg wet	165	3330		50	40-130		
Surrogate: 2-Fluorobiphenyl	*2040*		µg/kg wet		*3330*		*61*	*30-130*		
Surrogate: 2-Fluorophenol	*1660*		µg/kg wet		*3330*		*50*	*15-110*		
Surrogate: Nitrobenzene-d5	*1460*		µg/kg wet		*3330*		*44*	*30-130*		
Surrogate: Phenol-d5	*1900*		µg/kg wet		*3330*		*57*	*15-110*		
Surrogate: Terphenyl-d14	*2280*		µg/kg wet		*3330*		*68*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*2060*		µg/kg wet		*3330*		*62*	*15-110*		
Duplicate (7062059-DUP1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Acenaphthene	BRL		µg/kg dry	249		BRL				50
Acenaphthylene	30.2	J	µg/kg dry	249		BRL				50
Aniline	BRL		µg/kg dry	249		BRL				50
Anthracene	87.5	J,QM4	µg/kg dry	249		32.3			92	50
Atrazine	BRL		µg/kg dry	249		BRL				50
Azobenzene/Diphenyldiazine	BRL		µg/kg dry	249		BRL				50
Benzidine	BRL		µg/kg dry	249		BRL				50
Benzo (a) anthracene	124	J	µg/kg dry	249		85.6			37	50
Benzo (a) pyrene	129	J	µg/kg dry	249		87.6			38	50
Benzo (b) fluoranthene	121	J	µg/kg dry	249		89.5			30	50
Benzo (g,h,i) perylene	80.0	J	µg/kg dry	249		53.3			40	50
Benzo (k) fluoranthene	90.6	J	µg/kg dry	249		57.7			44	50
Benzoic acid	BRL		µg/kg dry	249		BRL				50
Benzyl alcohol	BRL		µg/kg dry	249		BRL				50
Bis(2-chloroethoxy)methane	BRL		µg/kg dry	249		BRL				50
Bis(2-chloroethyl)ether	BRL		µg/kg dry	249		BRL				50
Bis(2-chloroisopropyl)ether	BRL		µg/kg dry	249		BRL				50
Bis(2-ethylhexyl)phthalate	BRL		µg/kg dry	249		BRL				50
4-Bromophenyl phenyl ether	BRL		µg/kg dry	249		BRL				50
Butyl benzyl phthalate	BRL		µg/kg dry	249		BRL				50
Carbazole	BRL		µg/kg dry	249		BRL				50
4-Chloro-3-methylphenol	BRL		µg/kg dry	249		BRL				50
4-Chloroaniline	BRL		µg/kg dry	249		BRL				50
2-Chloronaphthalene	BRL		µg/kg dry	249		BRL				50
2-Chlorophenol	BRL		µg/kg dry	249		BRL				50
4-Chlorophenyl phenyl ether	BRL		µg/kg dry	249		BRL				50
Chrysene	135	J	µg/kg dry	249		92.9			37	50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	249		BRL				50
Dibenzofuran	BRL		µg/kg dry	249		BRL				50
1,2-Dichlorobenzene	BRL		µg/kg dry	249		BRL				50
1,3-Dichlorobenzene	BRL		µg/kg dry	249		BRL				50
1,4-Dichlorobenzene	BRL		µg/kg dry	249		BRL				50
3,3'-Dichlorobenzidine	BRL		µg/kg dry	249		BRL				50
2,4-Dichlorophenol	BRL		µg/kg dry	249		BRL				50
Diethyl phthalate	BRL		µg/kg dry	249		BRL				50
Dimethyl phthalate	BRL		µg/kg dry	249		BRL				50
2,4-Dimethylphenol	BRL		µg/kg dry	249		BRL				50
Di-n-butyl phthalate	BRL		µg/kg dry	249		BRL				50
4,6-Dinitro-2-methylphenol	BRL		µg/kg dry	249		BRL				50
2,4-Dinitrophenol	BRL		µg/kg dry	249		BRL				50
2,4-Dinitrotoluene	BRL		µg/kg dry	249		BRL				50
2,6-Dinitrotoluene	BRL		µg/kg dry	249		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 7062059 - SW846 3545A										
Duplicate (7062059-DUP1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Di-n-octyl phthalate	BRL		µg/kg dry	249		BRL				50
Fluoranthene	302	QM4	µg/kg dry	249		175			53	50
Fluorene	BRL		µg/kg dry	249		BRL				50
Hexachlorobenzene	BRL		µg/kg dry	249		BRL				50
Hexachlorobutadiene	BRL		µg/kg dry	249		BRL				50
Hexachlorocyclopentadiene	BRL		µg/kg dry	249		BRL				50
Hexachloroethane	BRL		µg/kg dry	249		BRL				50
Indeno (1,2,3-cd) pyrene	62.9	J	µg/kg dry	249		44.0			35	50
1-Methylnaphthalene	BRL		µg/kg dry	249		BRL				50
Isophorone	BRL		µg/kg dry	249		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	249		BRL				50
2-Methylphenol	BRL		µg/kg dry	249		BRL				50
3,4-Methylphenol	BRL		µg/kg dry	249		BRL				50
Naphthalene	BRL		µg/kg dry	249		BRL				50
2-Nitroaniline	BRL		µg/kg dry	249		BRL				50
3-Nitroaniline	BRL		µg/kg dry	249		BRL				50
4-Nitroaniline	BRL		µg/kg dry	996		BRL				50
Nitrobenzene	BRL		µg/kg dry	249		BRL				50
2-Nitrophenol	BRL		µg/kg dry	249		BRL				50
4-Nitrophenol	BRL		µg/kg dry	996		BRL				50
N-Nitrosodimethylamine	BRL		µg/kg dry	249		BRL				50
N-Nitrosodi-n-propylamine	BRL		µg/kg dry	249		BRL				50
N-Nitrosodiphenylamine	BRL		µg/kg dry	249		BRL				50
Pentachlorophenol	BRL		µg/kg dry	249		BRL				50
Phenanthrene	187	J,QM4	µg/kg dry	249		77.8			82	50
Phenol	BRL		µg/kg dry	249		BRL				50
Pyrene	284		µg/kg dry	249		193			38	50
Pyridine	BRL		µg/kg dry	249		BRL				50
1,2,4-Trichlorobenzene	BRL		µg/kg dry	249		BRL				50
2,4,5-Trichlorophenol	BRL		µg/kg dry	249		BRL				50
2,4,6-Trichlorophenol	BRL		µg/kg dry	249		BRL				50
Surrogate: 2-Fluorobiphenyl	*1670*		µg/kg dry		*2520*		*66*	*30-130*		
Surrogate: 2-Fluorophenol	*1750*		µg/kg dry		*2520*		*69*	*15-110*		
Surrogate: Nitrobenzene-d5	*1500*		µg/kg dry		*2520*		*60*	*30-130*		
Surrogate: Phenol-d5	*1860*		µg/kg dry		*2520*		*74*	*15-110*		
Surrogate: Terphenyl-d14	*1850*		µg/kg dry		*2520*		*73*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1640*		µg/kg dry		*2520*		*65*	*15-110*		
Matrix Spike (7062059-MS1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Acenaphthene	3120		µg/kg dry	243	4920	BRL	63	40-140		
4-Chloro-3-methylphenol	2120		µg/kg dry	243	4920	BRL	43	30-130		
2-Chlorophenol	2680		µg/kg dry	243	4920	BRL	54	30-130		
1,4-Dichlorobenzene	3280		µg/kg dry	243	4920	BRL	67	40-140		
2,4-Dinitrotoluene	3600		µg/kg dry	243	4920	BRL	73	40-140		
4-Nitrophenol	1770		µg/kg dry	974	4920	BRL	36	30-130		
N-Nitrosodi-n-propylamine	2980		µg/kg dry	243	4920	BRL	61	40-140		
Pentachlorophenol	2220		µg/kg dry	243	4920	BRL	45	30-130		
Phenol	2720		µg/kg dry	243	4920	BRL	55	30-130		
Pyrene	3800		µg/kg dry	243	4920	193	73	40-140		
1,2,4-Trichlorobenzene	2530		µg/kg dry	243	4920	BRL	51	40-140		
Surrogate: 2-Fluorobiphenyl	*3370*		µg/kg dry		*4920*		*68*	*30-130*		
Surrogate: 2-Fluorophenol	*2650*		µg/kg dry		*4920*		*54*	*15-110*		

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062059 - SW846 3545A										
Matrix Spike (7062059-MS1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Surrogate: Nitrobenzene-d5	*2240*		µg/kg dry		*4920*		*46*	*30-130*		
Surrogate: Phenol-d5	*3070*		µg/kg dry		*4920*		*62*	*15-110*		
Surrogate: Terphenyl-dl4	*3670*		µg/kg dry		*4920*		*75*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3230*		µg/kg dry		*4920*		*66*	*15-110*		
Matrix Spike Dup (7062059-MSD1) **Source: SA64109-05**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Acenaphthene	3210		µg/kg dry	246	4960	BRL	65	40-140	3	30
4-Chloro-3-methylphenol	2380		µg/kg dry	246	4960	BRL	48	30-130	11	30
2-Chlorophenol	2780		µg/kg dry	246	4960	BRL	56	30-130	4	30
1,4-Dichlorobenzene	3320		µg/kg dry	246	4960	BRL	67	40-140	0	30
2,4-Dinitrotoluene	3910		µg/kg dry	246	4960	BRL	79	40-140	8	30
4-Nitrophenol	2120		µg/kg dry	983	4960	BRL	43	30-130	18	30
N-Nitrosodi-n-propylamine	3130		µg/kg dry	246	4960	BRL	63	40-140	3	30
Pentachlorophenol	2740		µg/kg dry	246	4960	BRL	55	30-130	20	30
Phenol	2960		µg/kg dry	246	4960	BRL	60	30-130	9	30
Pyrene	3910		µg/kg dry	246	4960	193	75	40-140	3	30
1,2,4-Trichlorobenzene	2470		µg/kg dry	246	4960	BRL	50	40-140	2	30
Surrogate: 2-Fluorobiphenyl	*3290*		µg/kg dry		*4960*		*66*	*30-130*		
Surrogate: 2-Fluorophenol	*2630*		µg/kg dry		*4960*		*53*	*15-110*		
Surrogate: Nitrobenzene-d5	*2150*		µg/kg dry		*4960*		*43*	*30-130*		
Surrogate: Phenol-d5	*3200*		µg/kg dry		*4960*		*65*	*15-110*		
Surrogate: Terphenyl-dl4	*3390*		µg/kg dry		*4960*		*68*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*3200*		µg/kg dry		*4960*		*65*	*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 7062026 - EPA200/SW7000 Series										
Blank (7062026-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	BRL		mg/kg wet	0.0296						
Duplicate (7062026-DUP1) **Source: SA64109-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.0614	QR1	mg/kg dry	0.0351		0.0447			31	20
Matrix Spike (7062026-MS1) **Source: SA64109-02**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.552		mg/kg dry	0.0338		0.133		75-125		
Post Spike (7062026-PS1) **Source: SA64109-02**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.601		mg/kg dry	0.0347		0.133		85-115		
Reference (7062026-SRM1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	2.32		mg/kg wet	0.0300	2.09		111	66.1-132.8		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062025 - EPA 200 Series										
Blank (7062025-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	BRL		mg/kg wet	1.38						
Silver	BRL		mg/kg wet	1.38						
Cadmium	BRL		mg/kg wet	0.461						
Chromium	BRL		mg/kg wet	0.923						
Lead	BRL		mg/kg wet	1.38						
Arsenic	BRL		mg/kg wet	1.38						
Barium	BRL		mg/kg wet	0.923						
Duplicate (7062025-DUP1) **Source: SA64109-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Silver	0.464	J	mg/kg dry	1.64		0.445			4	35
Selenium	BRL		mg/kg dry	1.64		BRL				35
Cadmium	0.267	J	mg/kg dry	0.546		0.311			15	35
Lead	55.3		mg/kg dry	1.64		46.9			16	35
Chromium	16.0		mg/kg dry	1.09		17.8			11	35
Arsenic	7.63	QR1	mg/kg dry	1.64		5.32			36	35
Barium	71.0		mg/kg dry	1.09		85.5			19	35
Matrix Spike (7062025-MS1) **Source: SA64109-02**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Silver	110		mg/kg dry	1.54	128	0.964	85	70-130		
Selenium	114		mg/kg dry	1.54	128	BRL	89	70-130		
Arsenic	115		mg/kg dry	1.54	128	6.71	85	70-130		
Cadmium	124		mg/kg dry	0.512	128	0.593	96	70-130		
Chromium	148		mg/kg dry	1.02	128	24.9	96	70-130		
Lead	196		mg/kg dry	1.54	128	55.9	109	70-130		
Barium	226		mg/kg dry	1.02	128	132	73	70-130		
Post Spike (7062025-PS1) **Source: SA64109-02**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	127		mg/kg dry	1.59	133	BRL	95	85-115		
Cadmium	129		mg/kg dry	0.530	133	0.593	97	85-115		
Lead	183		mg/kg dry	1.59	133	55.9	96	85-115		
Arsenic	122		mg/kg dry	1.59	133	6.71	87	85-115		
Chromium	152		mg/kg dry	1.06	133	24.9	96	85-115		
Barium	254		mg/kg dry	1.06	133	132	92	85-115		
Reference (7062025-SRM1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	87.2		mg/kg wet	1.50	81.2		107	77.6-122.4		
Silver	57.3		mg/kg wet	1.50	50.9		113	66-133.7		
Arsenic	66.6		mg/kg wet	1.50	66.6		100	80.3-118.9		
Cadmium	38.1		mg/kg wet	0.500	33.5		114	82.1-117.9		
Lead	73.4		mg/kg wet	1.50	65.6		112	81.5-118.5		
Chromium	40.4		mg/kg wet	1.00	36.8		110	79.3-120.8		
Barium	158		mg/kg wet	1.00	161		98	82.8-117.2		

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062074 - SW846 3010A										
Blank (7062074-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	BRL		mg/l	0.0300						
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0150						
Cadmium	BRL		mg/l	0.0050						
Silver	BRL		mg/l	0.0250						
Arsenic	BRL		mg/l	0.0100						
Barium	BRL		mg/l	0.0100						
LCS (7062074-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.44		mg/l	0.0300	2.50		98	75.1-104		
Lead	2.48		mg/l	0.0150	2.50		99	75.8-108		
Silver	2.55		mg/l	0.0250	2.50		102	47.9-114		
Chromium	2.36		mg/l	0.0150	2.50		94	81.1-107		
Cadmium	2.44		mg/l	0.0050	2.50		98	81.3-109		
Arsenic	2.40		mg/l	0.0100	2.50		96	75.7-104		
Barium	2.58		mg/l	0.0100	2.50		103	85.1-119		
LCS Dup (7062074-BSD1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	2.35		mg/l	0.0150	2.50		94	75.8-108	5	20
Selenium	2.28		mg/l	0.0300	2.50		91	75.1-104	7	20
Chromium	2.25		mg/l	0.0150	2.50		90	81.1-107	5	20
Cadmium	2.31		mg/l	0.0050	2.50		92	81.3-109	5	20
Arsenic	2.26		mg/l	0.0100	2.50		90	75.7-104	6	20
Silver	2.42		mg/l	0.0250	2.50		97	47.9-114	5	20
Barium	2.48		mg/l	0.0100	2.50		99	85.1-119	4	20
Duplicate (7062074-DUP1) **Source: SA64082-12**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	0.0066	J	mg/l	0.0150		0.0078			17	20
Selenium	BRL		mg/l	0.0300		BRL				20
Arsenic	BRL		mg/l	0.0100		BRL				20
Silver	BRL		mg/l	0.0250		0.0179				20
Chromium	BRL		mg/l	0.0150		0.0060				20
Cadmium	BRL		mg/l	0.0050		BRL				20
Barium	0.0158	QR1	mg/l	0.0100		0.0244			43	20
Matrix Spike (7062074-MS1) **Source: SA64082-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.39		mg/l	0.0300	2.50	BRL	96	78.1-102		
Lead	2.48		mg/l	0.0150	2.50	0.0237	98	72.5-110		
Arsenic	2.38		mg/l	0.0100	2.50	BRL	95	85.4-98.8		
Cadmium	2.41		mg/l	0.0050	2.50	0.0005	96	81.2-109		
Silver	2.56		mg/l	0.0250	2.50	BRL	102	62.7-106		
Chromium	2.32		mg/l	0.0150	2.50	0.0093	92	81.5-106		
Barium	2.72		mg/l	0.0100	2.50	0.0482	107	88.9-114		
Matrix Spike Dup (7062074-MSD1) **Source: SA64082-01**										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Selenium	2.35		mg/l	0.0300	2.50	BRL	94	78.1-102	2	35
Lead	2.46		mg/l	0.0150	2.50	0.0237	97	72.5-110	0.8	35
Silver	2.60		mg/l	0.0250	2.50	BRL	104	62.7-106	2	35
Cadmium	2.38		mg/l	0.0050	2.50	0.0005	95	81.2-109	1	35

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* Reportable Detection Limit BRL = Below Reporting Limit

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

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062074 - SW846 3010A										
Matrix Spike Dup (7062074-MSD1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Arsenic	2.34		mg/l	0.0100	2.50	BRL	94	85.4-98.8	2	35
Chromium	2.24		mg/l	0.0150	2.50	0.0093	89	81.5-106	4	35
Barium	2.69		mg/l	0.0100	2.50	0.0482	106	88.9-114	1	35
Post Spike (7062074-PS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Lead	2.42		mg/l	0.0150	2.50	0.0237	96	70.4-112		
Selenium	2.32		mg/l	0.0300	2.50	BRL	93	73.6-105		
Chromium	2.18		mg/l	0.0150	2.50	0.0093	87	78.8-109		
Cadmium	2.34		mg/l	0.0050	2.50	0.0005	94	78.2-111		
Arsenic	2.31		mg/l	0.0100	2.50	BRL	92	77.1-104		
Barium	2.58		mg/l	0.0100	2.50	0.0482	101	86.8-118		
Batch 7062075 - EPA200/SW7000 Series										
Blank (7062075-BLK1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	BRL		mg/l	0.00020						
LCS (7062075-BS1)										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00188		mg/l	0.00020	0.00250		75	66.6-117		
Duplicate (7062075-DUP1) Source: SA64082-12										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (7062075-MS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00217		mg/l	0.00020	0.00250	0.00009	83	76.1-111		
Matrix Spike Dup (7062075-MSD1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00235		mg/l	0.00020	0.00250	0.00009	90	76.1-111	8	35
Post Spike (7062075-PS1) Source: SA64082-01										
Prepared: 27-Jun-07 Analyzed: 28-Jun-07										
Mercury	0.00234		mg/l	0.00020	0.00250	0.00009	90	66.8-110		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7062092 - General Preparation										
Duplicate (7062092-DUP1) Source: SA64036-21										
Prepared & Analyzed: 27-Jun-07										
% Solids	86.4		%			85.4			1	20

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* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

*TPH	Calculated as
Comp	Completed
QC1	Analyte out of acceptance range.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM4	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
vex2	Field extracted
VOC8	Reporting limits reflect SW846 5030 extraction technique due to matrix interference using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

Interpretation of Total Petroleum Hydrocarbon Report

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

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

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

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

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

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

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

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

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

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

Validated by:
Hanibal C. Tayeh, Ph.D.
Christopher Hall
Nicole Brown

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

SA64109 CL

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: Fri. 6-29 if possible or Best Available
- 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 Brossard · Tetra Tech Rizzo

Invoice To: CTDOT - DAS Contract
c/o LES
Rush Order 2142
P.O. No.: RQN:

Project No.: 171-305
Site Name: Busway - 634 New Park Ave.
Location: W Hartford State: CT.
Sampler(s): C. Knight

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:

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	RCRA 8 Total Metals	SCLP RCRA 8 Metals	Pesticides - 8081A	PCBs - 8082
SA64109-01	634-6 2'-4'	6-26-07		C	SO		3	1			X	X	X	X	X		
02	634-7 2'-4'																
03	634-11 2'-4'																
04	634-16 2'-4'																
05	634-17 4'-8'																
06	634-18 0'-2'			C			2									X	X

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

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 16.1°

Relinquished by:	Received by:	Date:	Time:
[signature]	Ashtar Boulos	6/26/07	10:30am